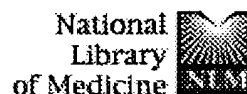


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
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















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














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
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
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
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

















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
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
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
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
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
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
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
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
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

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


































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













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









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
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-  **191:** [Jensen PH, Sorensen ES, Petersen TE, Gliemann J, Rasmussen LK.](#) [Related Articles, Links](#)



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Biochem J. 1995 Aug 15;310 (Pt 1):91-4.

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The NACP/synuclein gene: chromosomal assignment and screening for alterations in Alzheimer disease.

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-  **193:** [Iwai A, Masliah E, Yoshimoto M, Ge N, Flanagan L, de Silva](#) [Related Articles, Links](#)

[HA, Kittel A, Saitoh T.](#)



The precursor protein of non-A beta component of Alzheimer's disease amyloid is a presynaptic protein of the central nervous system.

Neuron. 1995 Feb;14(2):467-75.

PMID: 7857654 [PubMed - indexed for MEDLINE]



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High-resolution mapping of SNCA encoding alpha-synuclein, the non-A beta component of Alzheimer's disease amyloid precursor, to human chromosome 4q21.3-->q22 by fluorescence in situ hybridization.

Cytogenet Cell Genet. 1995;71(1):54-5.

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Tissue-dependent alternative splicing of mRNA for NACP, the precursor of non-A beta component of Alzheimer's disease amyloid.

Biochem Biophys Res Commun. 1994 Dec 15;205(2):1366-72.

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[Related Articles, Links](#)



Synuclein proteins and Alzheimer's disease.

Trends Neurosci. 1994 Oct;17(10):404-5. Review.

PMID: 7530877 [PubMed - indexed for MEDLINE]



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Identification of two distinct synucleins from human brain.

FEBS Lett. 1994 May 23;345(1):27-32.

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[Related Articles, Links](#)



Molecular cloning of cDNA encoding an unrecognized component of amyloid in Alzheimer disease.

Proc Natl Acad Sci U S A. 1993 Dec 1;90(23):11282-6.

PMID: 8248242 [PubMed - indexed for MEDLINE]

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TI Residues in the ***synuclein*** consensus motif of the alpha-
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cross-linking to Alzheimer- disease ***amyloid*** beta A4 peptide.
AU Jensen P H; Sorensen E S; Petersen T E; et al.
CS PH Jensen, Aarhus Univ, Dept Biochem Med, DK-8000 Aarhus C, Denmark.
SO Biochemical Journal (Aug 15, 1995), Vol. 310, pp. 91-94
DT Citation
RE Alzheimer's Disease and Cognition Disorders
FS Citation
LA English

L4 ANSWER 2 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:319203 BIOSIS
DN PREV200000319203
TI Alpha- ***synuclein*** in Lewy body disease and Alzheimer's disease.
AU Hashimoto, Makoto; Masliah, Eliezer [Reprint author]
CS Department of Neurosciences, University of California, San Diego, La
Jolla, CA, 92093-0624, USA
SO Brain Pathology, (Oct., 1999) Vol. 9, No. 4, pp. 707-720. print.
ISSN: 1015-6305.
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 26 Jul 2000
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AN 2000:145059 BIOSIS
DN PREV200000145059
TI Immunohistochemical analysis of Abeta, betaAPP, GFAP, tau, neurofilament
and alpha- ***synuclein*** in human brain following head trauma.
AU Grenfell, T. J. [Reprint author]; Spooner, E. [Reprint author]; Flanagan,
L.; Iwatsubo, T.; Selkoe, D. J. [Reprint author]; Lemere, C. A. [Reprint
author]
CS Center for Neurologic Diseases, Brigham and Women's Hospital, Harvard
Medical School, Boston, MA, 02115, USA
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 1091.
print.
Meeting Info.: 29th Annual Meeting of the Society for Neuroscience. Miami
Beach, Florida, USA. October 23-28, 1999. Society for Neuroscience.
ISSN: 0190-5295.
DT Conference; (Meeting)
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LA English
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L4 ANSWER 4 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2000:143710 BIOSIS
 DN PREV200000143710
 TI Expression of NACP/ alpha- ***synuclein*** and beta- ***synuclein***
 /PNP14 mRNAs in cultured rat neurons.
 AU Ishimori, H. [Reprint author]; Yoshida, K. [Reprint author]; Katayama, M.
 [Reprint author]; Kondo, A. [Reprint author]; Shimazaki, K. [Reprint
 author]; Kawase, T. [Reprint author]; Ueda, K.
 CS Department of Neurosurgery School of Medicine, Keio University, Tokyo,
 160-8582, Japan
 SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 772.
 print.
 Meeting Info.: 29th Annual Meeting of the Society for Neuroscience. Miami
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 AN 2000:142839 BIOSIS
 DN PREV200000142839
 TI Expression of alpha- ***synuclein*** and Abeta ***amyloid*** in
 Alzheimer's and other neurodegenerative diseases.
 AU Li, Q.-X. [Reprint author]; McLean, C. A. [Reprint author]; Campbell, B.
 C. V. [Reprint author]; Jakala, P.; Hartmann, T.; Beyreuther, K.; Masters,
 C. L. [Reprint author]; Culvenor, J. G. [Reprint author]
 CS Department of Pathology, University of Melbourne, Parkville, VIC, 3052,
 Australia
 SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 592.
 print.
 Meeting Info.: 29th Annual Meeting of the Society for Neuroscience. Miami
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L4 ANSWER 6 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2000:109058 BIOSIS
 DN PREV200000109058
 TI Alzheimer's disease: Lesions and their progression.
 AU Duyckaerts, C. [Reprint author]; Colle, M.-A.; Delatour, B.; Hauw, J.-J.
 CS Laboratoire de Neuropathologie R. Escourolle, Hopital de La Salpetriere,
 47 Bd de l'Hopital, 75651, Paris Cedex 13, France
 SO Revue Neurologique (Paris), (Nov., 1999) Vol. 155, No. Suppl. 4, pp.
 17-27. print.
 CODEN: RENEAM. ISSN: 0035-3787.
 DT Article
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 LA French
 ED Entered STN: 22 Mar 2000
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L4 ANSWER 7 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2000:67373 BIOSIS
 DN PREV200000067373
 TI Potential roles of alpha1-antichymotrypsin and alpha- ***synuclein***
 in Alzheimer's pathogenesis assessed in bigenic mice expressing human
 amyloid precursor proteins.
 AU Mucke, L. [Reprint author]; Yu, G.-Q. [Reprint author]; Abraham, C. R.;
 McConlogue, L.; Rockenstein, E. M.; Masliah, E.
 CS Gladstone Inst. Neurological Disease, UCSF, San Francisco, CA, USA
 SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 302.
 print.
 Meeting Info.: 29th Annual Meeting of the Society for Neuroscience, Part
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L4 ANSWER 8 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:67355 BIOSIS
DN PREV200000067355
TI ***Amyloid*** -associated alpha- ***synuclein*** (NACP) pathology in
aged ***amyloid*** precursor transgenic mice.
AU Cole, G. M. [Reprint author]; Yang, F. [Reprint author]; Ueda, K.; Beech,
W. [Reprint author]; Chen, P.-P. [Reprint author]; Hsiao, K.
CS Sepulveda VAMC GRECC 11E, Sepulveda, CA, USA
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 298.
print.
Meeting Info.: 29th Annual Meeting of the Society for Neuroscience, Part
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AN 2000:67248 BIOSIS
DN PREV200000067248
TI SENEX: A portable electronic resource for molecular neuropathology and
medicine.
AU Ball, S. S. [Reprint author]; Mah, V. H. [Reprint author]
CS Dept of Medicine, UCSF/Fresno, University Medical Center, Fresno, CA, USA
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 268.
print.
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AN 2000:66588 BIOSIS
DN PREV200000066588
TI Specific neurotoxic effect of alpha- ***synuclein*** fragment (NAC) on
dopaminergic neurons.
AU Forloni, G. [Reprint author]; Bertani, I. [Reprint author]; Calella, A. M.
[Reprint author]; Invernizzi, R. [Reprint author]
CS Dept. of Neuroscience, Istituto di Ricerche, Farmacologiche "Mario Negri",
20157, Milano, Italy
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 51.
print.
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AN 2000:61029 BIOSIS
DN PREV200000061029
TI Role of cytochrome c as a stimulator of ***amyloid*** -like fibril
formation of alpha- ***synuclein*** /NACP.
AU Hashimoto, M. [Reprint author]; Takeda, A. [Reprint author]; Hsu, L.
[Reprint author]; Takenouchi, T. [Reprint author]; Sisk, A. [Reprint
author]; Masliah, E. [Reprint author]
CS Dept. of Neurosciences, School of Medicine, UCSD, La Jolla, CA, USA
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 51.
print.
Meeting Info.: 29th Annual Meeting of the Society for Neuroscience, Part

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DN PREV200000035810
TI widespread occurrence of alpha- ***synuclein*** /NACP-immunoreactive neuronal inclusions in juvenile and adult-onset Hallervorden-Spatz disease with Lewy bodies.
AU Wakabayashi, K. [Reprint author]; Yoshimoto, M.; Fukushima, T.; Koide, R.; Horikawa, Y.; Morita, T.; Takahashi, H.
CS Brain Disease Research Center, Brain Research Institute, Niigata University, 1 Asahimachi, Niigata, 951-8585, Japan
SO Neuropathology and Applied Neurobiology, (Oct., 1999) vol. 25, No. 5, pp. 363-368. print.
CODEN: NANEDL. ISSN: 0305-1846.
DT Article
LA English
ED Entered STN: 19 Jan 2000
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L4 ANSWER 13 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:769 BIOSIS
DN PREV200000000769
TI Non-Abeta component of Alzheimer's disease ***amyloid*** (NAC) revisited: NAC and alpha- ***synuclein*** are not associated with Abeta ***amyloid***.
AU Culvenor, Janetta G.; McLean, Catriona A.; Cutt, Sally; Campbell, Bruce C. V.; Maher, Fran; Jakala, Pekka; Hartmann, Tobias; Beyreuther, Konrad; Masters, Colin L. [Reprint author]; Li, Qiao-Xin
CS Department of Pathology, University of Melbourne, Parkville, VIC, 3052, Australia
SO American Journal of Pathology, (Oct., 1999) vol. 155, No. 4, pp. 1173-1181. print.
CODEN: AJPA44. ISSN: 0002-9440.
DT Article
LA English
ED Entered STN: 23 Dec 1999
Last Updated on STN: 31 Dec 2001

L4 ANSWER 14 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1999:533303 BIOSIS
DN PREV199900533303
TI Cellular co-localization of phosphorylated tau- and NACP/alpha- ***synuclein*** -epitopes in Lewy bodies in sporadic Parkinson's disease and in dementia with Lewy bodies.
AU Arima, Kunimasa [Reprint author]; Hirai, Shigeo; Sunohara, Nobuhiko; Aoto, Kazuko; Izumiyama, Yoko; Ueda, Kenji; Ikeda, Kazuhiko; Kawai, Mitsuru
CS Department of Ultrastructure and Histochemistry, Tokyo Institute of Psychiatry, 2-1-8 Kamikitazawa, Setagaya-ku, Tokyo, 156-8585, Japan
SO Brain Research, (Oct. 2, 1999) vol. 843, No. 1-2, pp. 53-61. print.
CODEN: BRREAP. ISSN: 0006-8993.
DT Article
LA English
ED Entered STN: 10 Dec 1999
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L4 ANSWER 15 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1999:526779 BIOSIS
DN PREV199900526779
TI Role of cytochrome c as a stimulator of alpha- ***synuclein*** aggregation in Lewy body disease.
AU Hashimoto, Makoto; Takeda, Ayako; Hsu, Leigh J.; Takenouchi, Takato; Masliah, Eliezer [Reprint author]
CS Dept. of Neurosciences, University of California San Diego, La Jolla, CA, 92093-0624, USA
SO Journal of Biological Chemistry, (Oct. 8, 1999) vol. 274, No. 41, pp. 28849-28852. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article

LA English
 ED Entered STN: 10 Dec 1999
 Last Updated on STN: 5 Jun 2000

L4 ANSWER 16 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1999:392033 BIOSIS
 DN PREV199900392033
 TI Pathways to primary neurodegenerative disease.
 AU Hardy, John [Reprint author]
 CS Department of Research, Mayo Clinic Jacksonville, 4500 San Pablo Rd,
 Jacksonville, FL, 32224, USA
 SO Mayo Clinic Proceedings, (Aug., 1999) Vol. 74, No. 8, pp. 835-837. print.
 CODEN: MACPAJ. ISSN: 0025-6196.
 DT Article
 LA English
 ED Entered STN: 28 Sep 1999
 Last Updated on STN: 28 Sep 1999

L4 ANSWER 17 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1999:341070 BIOSIS
 DN PREV199900341070
 TI Copper(II)-induced self-oligomerization of alpha- *****synuclein*****.
 AU Paik, Seung R. [Reprint author]; Shin, Hyun-Ju; Lee, Ju-Hyun; Chang,
 Chung-Soon; Kim, Jongsun
 CS Department of Biochemistry, College of Medicine, Inha University, 253
 Yonghyun-Dong, Nam-Ku, Incheon, 402-751, South Korea
 SO Biochemical Journal, (June 15, 1999) Vol. 340, No. 3, pp. 821-828. print.
 ISSN: 0264-6021.
 DT Article
 LA English
 ED Entered STN: 24 Aug 1999
 Last Updated on STN: 24 Aug 1999

L4 ANSWER 18 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1999:292891 BIOSIS
 DN PREV199900292891
 TI alpha- *****synuclein***** accumulates in Lewy bodies in Parkinson's
 disease and dementia with Lewy bodies but not in Alzheimer's disease beta-
*****amyloid***** plaque cores.
 AU Bayer, Thomas A. [Reprint author]; Jaekaelae, Pekka; Hartmann, Tobias;
 Havas, Laszlo; McLean, Catriona; Culvenor, Janetta G.; Li, Qiao-Xin;
 Masters, Colin L.; Falkai, Peter; Beyreuther, Konrad
 CS Department of Psychiatry, University of Bonn Medical Center,
 Sigmund-Freud-Strasse 25, 53105, Bonn, Germany
 SO Neuroscience Letters, (May 14, 1999) Vol. 266, No. 3, pp. 213-216. print.
 CODEN: NELED5. ISSN: 0304-3940.
 DT Article
 LA English
 ED Entered STN: 5 Aug 1999
 Last Updated on STN: 5 Aug 1999

L4 ANSWER 19 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1999:257214 BIOSIS
 DN PREV199900257214
 TI Oxidative stress induces *****amyloid***** -like aggregate formation of
 NACP/alpha- *****synuclein***** in vitro.
 AU Hashimoto, Makoto; Hsu, Leigh J.; Xia, Yu; Takeda, Ayako; Sisk, Abbyann;
 Sundsmo, Mary; Masliah, Eliezer [Reprint author]
 CS Department of Neurosciences, University of California San Diego, La Jolla,
 CA, 92093-0624, USA
 SO Neuroreport, (March 17, 1999) vol. 10, No. 4, pp. 717-721. print.
 CODEN: NERPEZ. ISSN: 0959-4965.
 DT Article
 LA English
 ED Entered STN: 2 Jul 1999
 Last Updated on STN: 2 Jul 1999

L4 ANSWER 20 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1999:80196 BIOSIS
 DN PREV199900080196
 TI Characterization of the PS/APP transgenic mouse model for Alzheimer's
 disease.
 AU Duff, K. [Reprint author]; Knight, H.; Hernandez, D.; Zehr, C.; Sanders,
 S.; Yu, X.; Hsiao, K.; Farrer, M.; McGowan, E.
 CS Mayo Clinic, Jacksonville, FL 32224, USA
 SO Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 1502.

print.
Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part 2. Los Angeles, California, USA. November 7-12, 1998.
ISSN: 0190-5295.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Slide)

LA English

ED Entered STN: 1 Mar 1999
Last Updated on STN: 1 Mar 1999

L4 ANSWER 21 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1999:64839 BIOSIS
DN PREV199900064839
TI alpha- ****synuclein**** in multiple system atrophy.
AU Gai, W. P. [Reprint author]; Power, J. H. T.; Blumbergs, P. C.; Blessing, W. W.
CS Dep. Med., Flinders Univ., South Australia 5042, Australia
SO Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 967.
print.
Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part 1. Los Angeles, California, USA. November 7-12, 1998. Society for Neuroscience.
ISSN: 0190-5295.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)

LA English

ED Entered STN: 16 Feb 1999
Last Updated on STN: 16 Feb 1999

L4 ANSWER 22 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1999:57351 BIOSIS
DN PREV199900057351
TI Mutation in the alpha- ****synuclein**** gene among sporadic Parkinson's disease, Alzheimer's disease and dementia with Lewy bodies.
AU Matsui, T. [Reprint author]; Higuchi, S.; Arai, H.; Matsushita, S.; Higuchi, M.; Okamura, N.; Muramatsu, T.; Sasaki, H.
CS Dep. Geriatric Med., Tohoku Univ. Sch. Med., Sendai, Japan
SO Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 967.
print.
Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part 1. Los Angeles, California, USA. November 7-12, 1998. Society for Neuroscience.
ISSN: 0190-5295.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)

LA English

ED Entered STN: 16 Feb 1999
Last Updated on STN: 16 Feb 1999

L4 ANSWER 23 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1999:24729 BIOSIS
DN PREV199900024729
TI Steroid hormones block ****amyloid**** fibril-induced 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide (MTT) formazan exocytosis: Relationship to neurotoxicity.
AU Liu, Yuanbin; Schubert, David [Reprint author]
CS Cell. Neurobiol. Lab., Salk Inst. Biol. Studies, 10010 N. Torrey Pines Rd., La Jolla, CA 92037-1099, USA
SO Journal of Neurochemistry, (Dec., 1998) Vol. 71, No. 6, pp. 2322-2329.
print.
CODEN: JONRA9. ISSN: 0022-3042.

DT Article

LA English

ED Entered STN: 20 Jan 1999
Last Updated on STN: 9 Apr 1999

L4 ANSWER 24 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1999:16852 BIOSIS
DN PREV199900016852
TI Aggregates from mutant and wild-type alpha- ****synuclein**** proteins and NAC peptide induce apoptotic cell death in human neuroblastoma cells by formation of beta-sheet and ****amyloid**** -like filaments.
AU El-Agnaf, Omar M. A. [Reprint author]; Jakes, Ross; Curran, Martin D.;

Middleton, Derek; Ingenito, Raffaele; Bianchi, Elisabetta; Pessi, Antonello; Neill, David; Wallace, Andrew
 CS Centre Peptide Protein Eng., Sch. Biol. Biochem., Queen's Univ. Belfast, 97 Lisburn Rd., Belfast BT9 7BL, UK
 SO FEBS Letters, (Nov. 27, 1998) Vol. 440, No. 1-2, pp. 71-75. print.
 CODEN: FEBLAL. ISSN: 0014-5793.
 DT Article
 LA English
 ED Entered STN: 20 Jan 1999
 Last Updated on STN: 20 Jan 1999

L4 ANSWER 25 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1999:16851 BIOSIS
 DN PREV199900016851
 TI Effects of the mutations Ala30 to Pro and Ala53 to Thr on the physical and morphological properties of alpha- ***synuclein*** protein implication in Parkinson's disease.
 AU El-Agnaf, Omar M. A. [Reprint author]; Jakes, Ross; Curran, Martin D.; Wallace, Andrew
 CS Centre Peptide Protein Eng., Sch. Biol. Biochem., Queen's Univ. Belfast, 97 Lisburn Rd., Belfast BT9 7BL, UK
 SO FEBS Letters, (Nov. 27, 1998) Vol. 440, No. 1-2, pp. 67-70. print.
 CODEN: FEBLAL. ISSN: 0014-5793.
 DT Article
 LA English
 ED Entered STN: 20 Jan 1999
 Last Updated on STN: 20 Jan 1999

L4 ANSWER 26 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1999:8409 BIOSIS
 DN PREV199900008409
 TI Lewy bodies contain altered alpha- ***synuclein*** in brains of many familial Alzheimer's disease patients with mutations in presenilin and ***amyloid*** precursor protein genes.
 AU Lippa, Carol F. [Reprint author]; Fujiwara, Hideo; Mann, David M. A.; Giasson, Benoit; Baba, Minami; Schmidt, Marie L.; Nee, Linda E.; O'Connell, Brendan; Pollen, Dan A.; George-Hyslop, Peter St.; Ghetti, Bernardino; Nochlin, David; Bird, Thomas D.; Cairns, Nigel J.; Lee, Virginia M.-Y.; Iwatsubo, Takeshi; Trojanowski, John Q.
 CS Dep. Neurol., Allegheny Univ. Health Sci., 3300 Henry Ave., Philadelphia, PA 19129, USA
 SO American Journal of Pathology, (Nov., 1998) Vol. 153, No. 5, pp. 1365-1370. print.
 CODEN: AJPA44. ISSN: 0002-9440.
 DT Article
 LA English
 ED Entered STN: 11 Jan 1999
 Last Updated on STN: 11 Jan 1999

L4 ANSWER 27 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1999:4183 BIOSIS
 DN PREV199900004183
 TI Accumulation of alpha- ***synuclein*** /NACP is a cytopathological feature common to Lewy body disease and multiple system atrophy.
 AU Wakabayashi, Koichi [Reprint author]; Hayashi, Shintaro; Kakita, Akiyoshi; Yamada, Mitsunori; Toyoshima, Yasuko; Yoshimoto, Makoto; Takahashi, Hitoshi
 CS Brain Dis. Res. Cent., Brain Res. Inst., Niigata Univ., 1 Asahimachi, Niigata 951-8585, Japan
 SO Acta Neuropathologica, (Nov., 1998) Vol. 96, No. 5, pp. 445-452. print.
 CODEN: ANPTAL. ISSN: 0001-6322.
 DT Article
 LA English
 ED Entered STN: 11 Jan 1999
 Last Updated on STN: 11 Jan 1999

L4 ANSWER 28 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1999:4182 BIOSIS
 DN PREV199900004182
 TI NACP/alpha- ***synuclein*** immunoreactivity in fibrillary components of neuronal and oligodendroglial cytoplasmic inclusions in the pontine nuclei in multiple system atrophy.
 AU Arima, Kunimasa [Reprint author]; Ueda, Kenji; Sunohara, Nobuhiko; Arakawa, Kenji; Hirai, Shigeo; Nakamura, Minako; Tono-zuka-Uehara, Haruko; Kawai, Mitsuru
 CS Dep. Ultrastructure Histochem., Tokyo Inst. Psychiatry, 2-1-8

SO Kamikitazawa, Setagaya-ku, Tokyo 156-8585, Japan
 Acta Neuropathologica, (Nov., 1998) Vol. 96, No. 5, pp. 439-444. print.
 CODEN: ANPTAL. ISSN: 0001-6322.
 DT Article
 LA English
 ED Entered STN: 11 Jan 1999
 Last Updated on STN: 11 Jan 1999

L4 ANSWER 29 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1998:514146 BIOSIS
 DN PREV199800514146
 TI Comparisons of the NACP self-oligomerizations induced by Abeta25-35 in the
 presence of dicyclohexylcarbodiimide and N-(ethoxycarbonyl)-2-ethoxy-1,2-
 dihydroquinoline.
 AU Lee, Ju-Hyun; Shin, Hyun-Ju; Chang, Chung-Soon; Paik, Seung R. [Reprint
 author]
 CS Dep. Biochem., Coll. Med., Inha Univ., 253 Yonghyun-Dong, Nam-Ku, Incheon
 402-751, South Korea
 SO Neurochemical Research, (Nov., 1998) Vol. 23, No. 11, pp. 1427-1434.
 print.
 CODEN: NEREDZ. ISSN: 0364-3190.
 DT Article
 LA English
 ED Entered STN: 18 Dec 1998
 Last Updated on STN: 18 Dec 1998

L4 ANSWER 30 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1998:484114 BIOSIS
 DN PREV199800484114
 TI Abnormal distribution of the non-Abeta component of Alzheimer's disease
 amyloid precursor/alpha- ***synuclein*** in Lewy body disease
 as revealed by proteinase K and formic acid pretreatment.
 AU Takeda, Ayako; Hashimoto, Makoto; Mallory, Margaret; Sundsumo, Mary;
 Hansen, Lawrence; Sisk, Abbyanne; Masliah, Eliezer [Reprint author]
 CS Dep. Neurosci., Univ. California San Diego, La Jolla, CA 92093-0624, USA
 SO Laboratory Investigation, (Sept., 1998) Vol. 78, No. 9, pp. 1169-1177.
 print.
 CODEN: LAINAW. ISSN: 0023-6837.
 DT Article
 LA English
 ED Entered STN: 5 Nov 1998
 Last Updated on STN: 5 Nov 1998

L4 ANSWER 31 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1998:472761 BIOSIS
 DN PREV199800472761
 TI The ***synuclein*** family.
 AU Lavedan, Christian [Reprint author]
 CS Genetic Dis. Res. Branch, National Human Genome Res. Inst., National Inst.
 Health, Bethesda, MD 20892, USA
 SO Genome Research, (Sept., 1998) Vol. 8, No. 9, pp. 871-880. print.
 ISSN: 1088-9051.
 DT Article
 General Review; (Literature Review)
 LA English
 ED Entered STN: 5 Nov 1998
 Last Updated on STN: 5 Nov 1998

L4 ANSWER 32 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1998:451822 BIOSIS
 DN PREV199800451822
 TI Lewy body in neurodegeneration with brain iron accumulation type 1 is
 immunoreactive for alpha- ***synuclein***.
 AU Arawaka, S.; Saito, Y.; Murayama, S.; Mori, H. [Reprint author]
 CS Dep. Mol. Biol., Tokyo Inst. Psychiatry, 2-1-8 Kamikitazawa, Setagayaku,
 Tokyo 156, Japan
 SO Neurology, (Sept., 1998) Vol. 51, No. 3, pp. 887-889. print.
 CODEN: NEURAI. ISSN: 0028-3878.
 DT Article
 LA English
 ED Entered STN: 21 Oct 1998
 Last Updated on STN: 21 Oct 1998

L4 ANSWER 33 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1998:395346 BIOSIS
 DN PREV199800395346

TI Human recombinant NACP/alpha- ***synuclein*** in aggregated and
fibrillated in vitro: Relevance for Lewy body disease.
AU Hashimoto, Makoto; Hsu, Leigh J.; Sisk, Abbyanne; Xia, Yu; Takeda, Ayako;
Sundsmo, Mary; Masliah, Eliezer [Reprint author]
CS Dep. Neurosci., Univ. California San Diego, La Jolla, CA 92093-0624, USA
SO Brain Research, (July 20, 1998) Vol. 799, No. 2, pp. 301-306. print.
CODEN: BRREAP. ISSN: 0006-8993.
DT Article
LA English
ED Entered STN: 10 Sep 1998
Last Updated on STN: 10 Sep 1998

L4 ANSWER 34 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1998:350400 BIOSIS
DN PREV199800350400
TI Expression pattern of ***synucleins*** (non-Abeta component of
Alzheimer's disease ***amyloid*** precursor protein/alpha-
synuclein) during murine brain development.
AU Hsu, Leigh J.; Mallory, Margaret; Xia, Yu; Veinbergs, Isaac; Hashimoto,
Makoto; Thal, Leon J.; Saitoh, Tsunao; Masliah, Eliezer [Reprint author]
CS Dep. Neurosci., Univ. Calif.-San Diego, 9500 Gilman Dr., La Jolla, CA
92093-0624, USA
SO Journal of Neurochemistry, (July, 1998) Vol. 71, No. 1, pp. 338-344.
print.
CODEN: JONRA9. ISSN: 0022-3042.
DT Article
LA English
ED Entered STN: 13 Aug 1998
Last Updated on STN: 13 Aug 1998

L4 ANSWER 35 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1998:307176 BIOSIS
DN PREV199800307176
TI The ***synucleins*** : A family of proteins involved in synaptic
function, plasticity, neurodegeneration and disease.
AU Clayton, David F.; George, Julia M.
CS Beckman Inst., Dep. Cell and Structural Biol., Univ. Illinois, Urbana, IL
61801, USA
SO Trends in Neurosciences, (June, 1998) Vol. 21, No. 6, pp. 249-254. print.
CODEN: TNSCDR. ISSN: 0166-2236.
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 15 Jul 1998
Last Updated on STN: 15 Jul 1998

L4 ANSWER 36 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1998:274891 BIOSIS
DN PREV199800274891
TI Changes in presynaptic protein NACP/alpha- ***synuclein*** in an
ischemic gerbil hippocampus.
AU Ishimaru, Hirohisa [Reprint author]; Ueda, Kenji; Takahashi, Akira;
Maruyama, Yuji
CS Dep. Neuropsychopharmacol., Gunma Univ. Sch. Med., 3-39-22 Showa-machi,
Maebashi-shi, Gunma 371, Japan
SO Brain Research, (March 30, 1998) Vol. 788, No. 1-2, pp. 311-314. print.
CODEN: BRREAP. ISSN: 0006-8993.
DT Article
LA English
ED Entered STN: 24 Jun 1998
Last Updated on STN: 24 Jun 1998

L4 ANSWER 37 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1998:138728 BIOSIS
DN PREV199800138728
TI Abnormal accumulation of NACP/alpha- ***synuclein*** in
neurodegenerative disorders.
AU Takeda, Ayako; Mallory, Margaret; Sundsmo, Mary; Honer, William; Hansen,
Lawrence; Masliah, Eliezer [Reprint author]
CS Dep. Neurosci., Univ. Calif. San Diego, La Jolla, CA 92093-0624, USA
SO American Journal of Pathology, (Feb., 1998) Vol. 152, No. 2, pp. 367-372.
print.
CODEN: AJPA44. ISSN: 0002-9440.
DT Article
LA English
ED Entered STN: 20 Mar 1998

Last Updated on STN: 20 Mar 1998

L4 ANSWER 38 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1998:124520 BIOSIS
DN PREV199800124520
TI Self-oligomerization of NACP, the precursor protein of the non-
amyloid beta/A4 protein (Abeta) component of Alzheimer's disease
amyloid, observed in the presence of a C-terminal Abeta fragment
(residues 25-35).
AU Paik, Seung R. [Reprint author]; Lee, Ju-Hyun; Kim, Do-Hyung; Chang,
Chung-Soon; Kim, Young-Sik
CS Dep. Biochem., Coll. Med., Inha Univ., 235 Yonghyun-Dong, Nam-Ku, Incheon
402-751, South Korea
SO FEBS Letters, (Jan. 2, 1998) Vol. 421, No. 1, pp. 73-76. print.
CODEN: FEBLAL. ISSN: 0014-5793.
DT Article
LA English
ED Entered STN: 5 Mar 1998
Last Updated on STN: 5 Mar 1998

L4 ANSWER 39 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1998:124384 BIOSIS
DN PREV199800124384
TI NACP, a presynaptic protein, immunoreactivity in Lewy bodies in
Parkinson's disease.
AU Wakabayashi, Koichi [Reprint author]; Matsumoto, Kayo; Takayama, Kiyoshi;
Yoshimoto, Makoto; Takahashi, Hitoshi
CS Brain Disease Research Cent., Niigata Univ., 1 Asahimachi, Niigata
951-8585, Japan
SO Neuroscience Letters, (Dec. 12, 1997) Vol. 239, No. 1, pp. 45-48. print.
CODEN: NELED5. ISSN: 0304-3940.
DT Article
LA English
ED Entered STN: 5 Mar 1998
Last Updated on STN: 5 Mar 1998

L4 ANSWER 40 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1997:468105 BIOSIS
DN PREV199799767308
TI ***Synuclein*** /NACP mRNA expression in rat hippocampus and cerebral
cortex during development.
AU Petersen, K. [Reprint author]; Olesen, O. F. [Reprint author]; Perregaard,
J. K.; Mikkelsen, J. D. [Reprint author]
CS Dep. Neurobiol., H. Lundbeck A/S, Ottiliavej 9, 2500 Valby-Copenhagen,
Denmark
SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 267.
Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part
1. New Orleans, Louisiana, USA. October 25-30, 1997.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 4 Nov 1997
Last Updated on STN: 4 Nov 1997

L4 ANSWER 41 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1997:468104 BIOSIS
DN PREV199799767307
TI NACP/alpha- ***synuclein*** gene promoter is up-regulated by intron 5
TC-rich polymorphic sequences.
AU Xia, Y.; Hsu, L.; Hashimoto, M.; Kang, D.; Chen, X.; Sundsmo, M.; Thal,
L.; Masliah, E.; Katzman, R.
CS Dep. Neurosci., Univ. Calif. San Diego, La Jolla, CA 92093-0624, USA
SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 267.
Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part
1. New Orleans, Louisiana, USA. October 25-30, 1997.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 4 Nov 1997
Last Updated on STN: 4 Nov 1997

L4 ANSWER 42 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 1997:468103 BIOSIS
 DN PREV199799767306
 TI Expression and distribution of NACP/alpha- ***synuclein*** in murine development.
 AU Hsu, L. J.; Xia, Y.; Hashimoto, M.; Mallory, M.; Veinbergs, I.; Miller, A.; Thal, L.; Masliah, E.
 CS Dep. Neurosci., Univ. Calif. San Diego, La Jolla, CA 92093-0624, USA
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 267.
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part 1. New Orleans, Louisiana, USA. October 25-30, 1997.
 ISSN: 0190-5295.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)
 LA English
 ED Entered STN: 4 Nov 1997
 Last Updated on STN: 4 Nov 1997

L4 ANSWER 43 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:468102 BIOSIS
 DN PREV199799767305
 TI Analysis of the proteolysis of NACP, the precursor of a non-A-beta component of Alzheimer's disease (AD) ***amyloid*** in the megakaryocyte and platelets system.
 AU Hashimoto, M.; Hsu, L.; Xia, Y.; Yoshimoto, M.; Sundsmo, M.; Masliah, E.
 CS Neurosci. Dep., Sch. Med., UCSD, La Jolla, CA 92093-0624, USA
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 267.
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part 1. New Orleans, Louisiana, USA. October 25-30, 1997.
 ISSN: 0190-5295.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 Conference; (Meeting Poster)
 LA English
 ED Entered STN: 4 Nov 1997
 Last Updated on STN: 4 Nov 1997

L4 ANSWER 44 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:458063 BIOSIS
 DN PREV199799757266
 TI NACP, a synaptic protein involved in Alzheimer's disease, is differentially regulated during megakaryocyte differentiation.
 AU Hashimoto, Makoto; Yoshimoto, Makoto; Sisk, Abbyanne; Hsu, Leigh J.; Sundsmo, Mary; Kittel, Agnes; Saitoh, Tsunao; Miller, Aida; Masliah, Eliezer [Reprint author]
 CS Dep. Neurosci., Univ. Calif. San Diego, La Jolla, CA 92093-0624, USA
 SO Biochemical and Biophysical Research Communications, (1997) Vol. 237, No. 3, pp. 611-616.
 CODEN: BBRCA9. ISSN: 0006-291X.
 DT Article
 LA English
 ED Entered STN: 27 Oct 1997
 Last Updated on STN: 27 Oct 1997

L4 ANSWER 45 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:453928 BIOSIS
 DN PREV199799753131
 TI Genetics of Parkinson's disease.
 AU Nussbaum, Robert L. [Reprint author]; Polymeropoulos, Mihael H.
 CS Lab. Genetic Dis. Res., Natl. Human Genome Res. Inst., Bethesda, MD 20892-4472, USA
 SO Human Molecular Genetics, (1997) Vol. 6, No. 10, pp. 1687-1691.
 ISSN: 0964-6906.
 DT Article
 General Review; (Literature Review)
 LA English
 ED Entered STN: 27 Oct 1997
 Last Updated on STN: 27 Oct 1997

L4 ANSWER 46 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:243749 BIOSIS
 DN PREV199799542952
 TI Binding of A-beta to alpha- and beta- ***synucleins*** : Identification of segments in alpha- ***synuclein*** / ***NAC*** precursor that bind A-beta and NAC.
 AU Jensen, Poul H. [Reprint author]; Hojrup, Peter; Hager, Henrik; Nielsen,

CS Morten S.; Jacobsen, Linda; Olesen, Ole F.; Gliemann, Jorgen; Jakes, Ross
Dep. Med. Biochem., Univ. Aarhus, Ole Worms Alle, Build. 170, DK-8000
Aarhus C, Denmark
SO Biochemical Journal, (1997) Vol. 323, No. 2, pp. 539-546.
ISSN: 0264-6021.
DT Article
LA English
ED Entered STN: 13 Jun 1997
Last Updated on STN: 13 Jun 1997

L4 ANSWER 47 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1997:207476 BIOSIS
DN PREV199799506679
TI Delayed localization of synelfin (***synuclein*** , NACP) to
presynaptic terminals in cultured rat hippocampal neurons.
AU Withers, Ginger S.; George, Julia M. [Reprint author]; Banker, Gary A.;
Clayton, David F.
CS Dep. Cell Structural Biol., Univ. Illinois, 506 Morrill Hall, 505 S.
Goodwin Ave., Urbana, IL 61801, USA
SO Developmental Brain Research, (1997) Vol. 99, No. 1, pp. 87-94.
CODEN: DBRRDB. ISSN: 0165-3806.
DT Article
LA English
ED Entered STN: 12 May 1997
Last Updated on STN: 12 May 1997

L4 ANSWER 48 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1996:548415 BIOSIS
DN PREV199699270771
TI NACP, the non-A-beta component precursor protein of Alzheimer's disease
amyloid is abundantly expressed in platelets.
AU Kittel, A.; Hashimoto, M.; Sundsmo, M.; Yoshimoto, M.; Saitoh, T.
CS Dep. Cell Biol., Inst. Exp. Med., Hungary Acad. Sci., POB 67, Budapest
1450, Hungary
SO Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 1893.
Meeting Info.: 26th Annual Meeting of the Society for Neuroscience.
Washington, D.C., USA. November 16-21, 1996.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 13 Dec 1996
Last Updated on STN: 23 Jan 1997

L4 ANSWER 49 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1996:466030 BIOSIS
DN PREV199699188386
TI Genetic studies in Alzheimer's disease with an NACP/alpha-
synuclein polymorphism.
AU Xia, Yu; De Silva, H. A. Rohan; Rosi, Barbara L.; Yamaoka, Larry H.;
Rimmler, Jacqueline B.; Pericak-Vance, Margaret A.; Roses, Allen D.; Chen,
Xiaohua; Masliah, Eliezer; Deteresa, Richard; Iwai, Akihiko; Sundsmo,
Mary; Thomas, Ronald G.; Hofstetter, C. Richard; Gregory, Ethan; Hansen,
L. A.; Katzman, R.; Thal, L. J.; Saitoh, T.
CS Robert Katzman, Dep. Neurosci., Sch. Med., UCSD, La Jolla, CA 92093-0949,
USA
SO Annals of Neurology, (1996) Vol. 40, No. 2, pp. 207-215.
CODEN: ANNED3. ISSN: 0364-5134.
DT Article
LA English
ED Entered STN: 11 Oct 1996
Last Updated on STN: 11 Oct 1996

L4 ANSWER 50 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1996:453271 BIOSIS
DN PREV199699175627
TI NACP/a- ***synuclein*** stimulates fibril formation of beta/A4 protein
in vitro.
AU Takeda, K. [Reprint author]; Kozono, H. [Reprint author]; Arai, M.
[Reprint author]; Hossain, S. [Reprint author]; Hoshi, A. [Reprint
author]; Kaji, H. [Reprint author]; Sano, K.; Hotchi, M.; Miyanaga, K.;
Ueda, K.; Shinoda, T. [Reprint author]
CS Dep. Biochem., Tokyo Metropolitan University, Hachioji, Tokyo 192-03,
Japan
SO Neurobiology of Aging, (1996) Vol. 17, No. 4 SUPPL., pp. S174.

Meeting Info.: Fifth International Conference on Alzheimer's Disease and Related Disorders. Osaka, Japan. July 24-29, 1996.

CODEN: NEAGDO. ISSN: 0197-4580.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 7 Oct 1996
Last Updated on STN: 7 Oct 1996

L4 ANSWER 51 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1996:424983 BIOSIS
DN PREV199699156039
TI Characterization of the precursor protein of the non-A-beta component of senile plaques (NACP) in the human central nervous system.
AU Irizarry, Michael C.; Kim, Tae-Wan; McNamara, Megan; Tanzi, Rudolph E.; George, Julia M.; Clayton, David F.; Hyman, Bradley T. [Reprint author]
CS Neurol., Massachusetts Gen. Hosp., Boston, MA 02114, USA
SO Journal of Neuropathology and Experimental Neurology, (1996) Vol. 55, No. 8, pp. 889-895.

CODEN: JNENAD. ISSN: 0022-3069.

DT Article
LA English
ED Entered STN: 26 Sep 1996
Last Updated on STN: 26 Sep 1996

L4 ANSWER 52 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1995:448668 BIOSIS
DN PREV199598462968
TI High-resolution mapping of SNCA encoding alpha- ****synuclein****, the non-A-beta component of Alzheimer's disease ****amyloid**** precursor, to human chromosome 4q21.3 fwdarw q22 by fluorescence in situ hybridization.

AU Shibasaki, Y. [Reprint author]; Baillie, D. A. M.; St Clair, D.; Brookes, A. J.
CS MRC Human Genet. Unit, Western Gen. Hosp., Crewe Rd., Edinburgh EH4 2XU, UK
SO Cytogenetics and Cell Genetics, (1995) Vol. 71, No. 1, pp. 54-55.
CODEN: CGCGBR. ISSN: 0301-0171.

DT Article
LA English
ED Entered STN: 27 Oct 1995
Last Updated on STN: 27 Oct 1995

L4 ANSWER 53 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1995:252614 BIOSIS
DN PREV199598266914
TI The Human NACP/alpha- ****Synuclein**** Gene: Chromosome Assignment to 4q21.3-q22 and TaqI RFLP analysis.
AU Chen, Xiaohua; Rohan De Silva, H. A.; Pettenati, Mark J.; Rao, P. Nagesh; St George-Hyslop, Peter; Roses, Allen D.; Xia, Yu; Horsburgh, Karen; Ueda, Kenji; Saitoh, Tsunao [Reprint author]
CS Dep. Neurosci. Sch. Med., Univ. California San Diego, La Jolla, CA 92093-0624, USA
SO Genomics, (1995) Vol. 26, No. 2, pp. 425-427.
CODEN: GNMCEP. ISSN: 0888-7543.

DT Article
LA English
ED Entered STN: 13 Jun 1995
Last Updated on STN: 13 Jun 1995

L4 ANSWER 54 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1995:252594 BIOSIS
DN PREV199598266894
TI The NACP/ ****Synuclein**** Gene: Chromosomal Assignment and Screening for Alterations in Alzheimer Disease.
AU Campion, Dominique; Martin, Cosette; Heilig, Roland; Charbonnier, Françoise; Moreau, Viviane; Flaman, Jean Michel; Petit, Jean Louis; Hannequin, Didier; Bruce, Alexis; Frebourg, Thierry [Reprint author]
CS Unite Genetique Mol., CHU Rouen, 1 rue Germont, 76031 Rouen Cedex, France
SO Genomics, (1995) Vol. 26, No. 2, pp. 254-257.
CODEN: GNMCEP. ISSN: 0888-7543.

DT Article
LA English
ED Entered STN: 13 Jun 1995
Last Updated on STN: 13 Jun 1995

L4 ANSWER 55 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1994:549664 BIOSIS
DN PREV199598009212
TI ***Synuclein*** proteins and Alzheimer's disease.
AU Brookes, Anthony J.; St Clair, David
CS MRC Human Genet. Unit, Western Gen. Hosp., Crewe Road, Edinburgh EH4 2XU,
UK
SO Trends in Neurosciences, (1994) Vol. 17, No. 10, pp. 404-405.
CODEN: TNSCDR. ISSN: 0166-2236.
DT Article
LA English
ED Entered STN: 22 Dec 1994
Last Updated on STN: 22 Dec 1994

L4 ANSWER 56 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1994:526291 BIOSIS
DN PREV199497539291
TI Is the NACP/ ***Synuclein*** gene involved in early-onset Alzheimer's
disease?.
AU Champion, D. [Reprint author]; Frebourg, T.; Clerget-Darpoux, F. [Reprint
author]; Group, French Alzheimer Collaborative
CS INSERM U155, Paris, France
SO American Journal of Human Genetics, (1994) Vol. 55, No. 3 SUPPL., pp.
A356.
Meeting Info.: 44th Annual Meeting of the American Society of Human
Genetics. Montreal, Quebec, Canada. October 18-22, 1994.
CODEN: AJHGAG. ISSN: 0002-9297.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 3 Dec 1994
Last Updated on STN: 3 Dec 1994

L4 ANSWER 57 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1994:385877 BIOSIS
DN PREV199497398877
TI Identification of two distinct ***synucleins*** from human brain.
AU Jakes, Ross [Reprint author]; Spillantini, Maria Grazia; Goedert, Michel
CS MRC Lab. Mol. Biol., Hills Rd., Cambridge CB2 2QH, UK
SO FEBS (Federation of European Biochemical Societies) Letters, (1994) Vol.
345, No. 1, pp. 27-32.
CODEN: FEBLAL. ISSN: 0014-5793.
DT Article
LA English
ED Entered STN: 14 Sep 1994
Last Updated on STN: 14 Sep 1994

L4 ANSWER 58 OF 143 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
AN 1999:29540005 BIOTECHNO
TI Neurodegenerative disease: A different view of diagnosis
AU Hardy J.; Gwinn-Hardy K.
CS Dr. J. Hardy, Department of Pharmacology, Birdsall Building, Mayo Clinic
Jacksonville, 4500 San Pablo Rd, Jacksonville, FL 32224, United States.
E-mail: hardy@mayo.edu
SO Molecular Medicine Today, (***1999***), 5/12 (514-517), 28
reference(s)
CODEN: MMTOFK ISSN: 1357-4310
PUI S1357431099016044
DT Journal; General Review
CY United Kingdom
LA English
SL English

L4 ANSWER 59 OF 143 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
AN 1997:27317955 BIOTECHNO
TI The awakening of .alpha.- ***synuclein***
AU Goedert M.
CS M. Goedert, Medical Research Council, Laboratory of Molecular Biology,
Hills Road, Cambridge CB2 2QH, United Kingdom.
SO Nature, (***1997***), 388/6639 (232-233), 15 reference(s)
CODEN: NATUAS ISSN: 0028-0836
DT Journal; General Review
CY United Kingdom
LA English

L4 ANSWER 60 OF 143 CANCERLIT on STN
 AN 96133093 CANCERLIT
 DN 96133093 PubMed ID: 8546207
 TI Altered presynaptic protein NACP is associated with plaque formation and neurodegeneration in Alzheimer's disease.
 AU Masliah E; Iwai A; Mallory M; Ueda K; Saitoh T
 CS Department of Neurosciences, University of California-San Diego School of Medicine, La Jolla 92093-0624, USA.
 NC AG05131 (NIA)
 AG10689 (NIA)
 SO AMERICAN JOURNAL OF PATHOLOGY, *** (1996 Jan)*** 148 (1) 201-10.
 Journal code: 0370502. ISSN: 0002-9440.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS MEDLINE; Abridged Index Medicus Journals; Priority Journals
 OS MEDLINE 96133093
 EM 199602
 ED Entered STN: 19960314
 Last Updated on STN: 19960314

L4 ANSWER 61 OF 143 CANCERLIT on STN
 AN 95161076 CANCERLIT
 DN 95161076 PubMed ID: 7857654
 TI The precursor protein of non-A beta component of Alzheimer's disease
 ****amyloid**** is a presynaptic protein of the central nervous system.
 AU Iwai A; Masliah E; Yoshimoto M; Ge N; Flanagan L; de Silva H A; Kittel A; Saitoh T
 CS Department of Neurosciences, School of Medicine, University of California, San Diego, La Jolla 92093-0624.
 NC AG05131 (NIA)
 AG10689 (NIA)
 SO NEURON, *** (1995 Feb)*** 14 (2) 467-75.
 Journal code: 8809320. ISSN: 0896-6273.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS MEDLINE; Priority Journals
 OS MEDLINE 95161076
 EM 199503
 ED Entered STN: 19950405
 Last Updated on STN: 19950405

L4 ANSWER 62 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:241347 CAPLUS
 DN 136:273213
 TI Methods and compositions for controlling prepathological or pathological protein assembly or aggregation
 IN Douglas, Michael G.; Amin, Avinash N.
 PA USA
 SO U.S. Pat. Appl. Publ., 24 pp., Cont.-in-part of U.S. Ser. No. 677,500.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002037908	A1	20020328	US 2001-904987	20010712
	US 5767135	A	19980616	US 1995-581351	19951229 <--
	US 6127393	A	20001003	US 1998-127620	19980801
	US 6410570	B1	20020625	US 2000-657989	20000908
	US 6579891	B1	20030617	US 2000-657554	20000908
	US 6407125	B1	20020618	US 2000-677500	20001002
	WO 2003006044	A1	20030123	WO 2002-US22032	20020711
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 1995-581351	A2	19951229		

US 1996-26992P P 19960920
 US 1996-24221P P 19961022
 US 1997-843157 B2 19970411
 US 1998-127620 A2 19980801
 US 2000-657554 A2 20000908
 US 2000-657989 A2 20000908
 US 2000-677500 A2 20001002
 US 2000-182608P P 20000215
 US 2001-904987 A1 20010712

L4 ANSWER 63 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:795994 CAPLUS
 DN 132:31744
 TI Gene probes used for genetic profiling in healthcare screening and planning
 IN Roberts, Gareth Wyn
 PA Genostic Pharma Ltd., UK
 SO PCT Int. Appl., 745 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9964627	A2	19991216	WO 1999-GB1780	19990604 <--
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI	GB 1998-12099	A	19980606		
	GB 1998-13291	A	19980620		
	GB 1998-13611	A	19980624		
	GB 1998-13835	A	19980627		
	GB 1998-14110	A	19980701		
	GB 1998-14580	A	19980707		
	GB 1998-15438	A	19980716		
	GB 1998-15574	A	19980718		
	GB 1998-15576	A	19980718		
	GB 1998-16085	A	19980724		
	GB 1998-16086	A	19980724		
	GB 1998-16921	A	19980805		
	GB 1998-17097	A	19980807		
	GB 1998-17200	A	19980808		
	GB 1998-17632	A	19980814		
	GB 1998-17943	A	19980819		

L4 ANSWER 64 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:795993 CAPLUS
 DN 132:31743
 TI Gene probes used for genetic profiling in healthcare screening and planning
 IN Roberts, Gareth Wyn
 PA Genostic Pharma Limited, UK
 SO PCT Int. Appl., 149 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9964626	A2	19991216	WO 1999-GB1779	19990604 <--
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2330929	AA	19991216	CA 1999-2330929	19990604 <--

AU 9941586	A1	19991230	AU 1999-41586	19990604 <--
AU 766544	B2	20031016		
AU 9941587	A1	19991230	AU 1999-41587	19990604 <--
GB 2339200	A1	20000119	GB 1999-12914	19990604
GB 2339200	B2	20010912		
EP 1084273	A1	20010321	EP 1999-925207	19990604
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2003528564	T2	20030930	JP 2000-553616	19990604
US 2003198970	A1	20031023	US 2002-206568	20020729
PRAI GB 1998-12098	A	19980606		
GB 1998-28289	A	19981223		
GB 1998-16086	A	19980724		
GB 1998-16921	A	19980805		
GB 1998-17097	A	19980807		
GB 1998-17200	A	19980808		
GB 1998-17632	A	19980814		
GB 1998-17943	A	19980819		
US 1999-325123	B1	19990603		
WO 1999-GB1779	W	19990604		

L4 ANSWER 65 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:777667 CAPLUS
 DN 132:91781
 TI Degradation of .alpha.- ***synuclein*** by proteasome
 AU Bennett, M. Catherine; Bishop, John F.; Leng, Yan; Chock, P. Boon; Chase, Thomas N.; Mouradian, M. Maral
 CS Experimental Therapeutics Branch, NINDS, NHLBI, National Institutes of Health, Bethesda, MD, 20892, USA
 SO Journal of Biological Chemistry (***1999***), 274(48), 33855-33858
 CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology
 DT Journal
 LA English
 RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 66 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:767386 CAPLUS
 DN 132:104278
 TI Interaction of NACP/a- ***synuclein*** with .beta./A4 and effect on the fibril formation in vitro
 AU Takeda, Kazuya; Hossain, Shahanara; Sadik, Golam; Kaji, Hiroyuki; Ueda, Kenji; Shinoda, Tomotaka
 CS Dept. of Chemistry, Grd. Sch. of Science, Tokyo Metropolitan University, Tokyo, Japan
 SO Amyloid and Amyloidosis 1998, Proceedings of the International Symposium on Amyloidosis, 8th, Rochester, Minn., Aug. 7-11, 1998 (***1999***), Meeting Date 1998, 476-478. Editor(s): Kyle, Robert A.; Gertz, Morie A. Publisher: Parthenon Publishing Group, Pearl River, N. Y.
 CODEN: 68KLAB
 DT Conference
 LA English
 RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 67 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:619947 CAPLUS
 DN 132:150162
 TI Reduced expression of the G209A .alpha.- ***synuclein*** allele in familial parkinsonism
 AU Markopoulou, Katerina; Wszolek, Zbigniew K.; Pfeiffer, Ronald F.; Chase, Bruce A.
 CS Department of Biology, University of Nebraska at Omaha, Omaha, NE, 68198-2045, USA
 SO Annals of Neurology (***1999***), 46(3), 374-381
 CODEN: ANNE3; ISSN: 0364-5134
 PB Lippincott Williams & Wilkins
 DT Journal
 LA English
 RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 68 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:516175 CAPLUS
 DN 131:168746

TI Changes in mRNA expression of ***amyloid*** precursor protein (APP)
 and .alpha.- ***synuclein*** in neurodegenerative disorders
 AU Okada, Akitsugu
 CS Fac. Med., Tottori Univ., Yonago, 683-8503, Japan
 SO Yonago Igaku Zasshi (***1999***), 50(3/4), 143-155
 CODEN: YOIZA3; ISSN: 0044-0558
 PB Yonago Igakkai
 DT Journal
 LA Japanese

L4 ANSWER 69 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:317855 CAPLUS
 DN 131:72259
 TI Both familial Parkinson's disease mutations accelerate .alpha.-
 synuclein aggregation. [Erratum to document cited in CA131:30597]
 AU Narhi, Linda; Wood, Stephen J.; Steavenson, Shirley; Jiang, Yijia; Wu, Gay
 May; Anafi, Dan; Kaufman, Stephen A.; Martin, Francis; Sitney, Karen;
 Denis, Paul; Louis, Jean-Claude; Wypych, Jette; Biere, Anja Leona; Citron,
 Martin
 CS Amgen Inc., Thousand Oaks, CA, 91320-1789, USA
 SO Journal of Biological Chemistry (***1999***), 274(19), 13728
 CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology
 DT Journal
 LA English

L4 ANSWER 70 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:302328 CAPLUS
 DN 131:98992
 TI Synphilin-1 associates with .alpha.- ***synuclein*** and promotes the
 formation of cytosolic inclusions
 AU Engelender, Simone; Kaminsky, Zachary; Guo, Xin; Sharp, Alan H.; Amaravi,
 Ravi K.; Kleiderlein, John J.; Margolis, Russell L.; Troncoso, Juan C.;
 Lanahan, Anthony A.; Worley, Paul F.; Dawson, Valina L.; Dawson, Ted M.;
 Ross, Christopher A.
 CS Division of Neurobiology, Department of Psychiatry, Johns Hopkins
 University School of Medicine, Baltimore, MD, 21205, USA
 SO Nature Genetics (***1999***), 22(1), 110-114
 CODEN: NGENEC; ISSN: 1061-4036
 PB Nature America
 DT Journal
 LA English

RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 71 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:241714 CAPLUS
 DN 131:30597
 TI Both familial Parkinson's disease mutations accelerate .alpha.-
 synuclein aggregation
 AU Narhi, Linda; Wood, Stephen J.; Steavenson, Shirley; Jiang, Yijia; Wu, Gay
 May; Anafi, Dan; Kaufman, Stephen A.; Martin, Francis; Sitney, Karen;
 Denis, Paul; Louis, Jean-Claude; Wypych, Jette; Biere, Anja Leona; Citron,
 Martin
 CS Amgen, Inc., Thousand Oaks, CA, 91320-1789, USA
 SO Journal of Biological Chemistry (***1999***), 274(14), 9843-9846
 CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology
 DT Journal
 LA English

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 72 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:113797 CAPLUS
 DN 130:166800
 TI Soluble fusion proteins of aggregate-forming proteins and the study of
 diseases associated with protein aggregate formation
 IN Wanker, Erich; Lehrach, Hans; Scherzinger, Eberhard; Bates, Gillian
 PA Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V., Germany
 SO PCT Int. Appl., 62 pp.
 CODEN: PIXXD2
 DT Patent
 LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 9906545 A2 19990211 WO 1998-EP4811 19980731 <--
 WO 9906545 A3 19990805
 W: CA, JP, US
 RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE
 EP 1001987 A2 20000524 EP 1998-945134 19980731
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI
 PRAI EP 1997-113306 19970801
 WO 1998-EP4811 19980731

L4 ANSWER 73 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1998:806141 CAPLUS
 DN 130:181015

TI Degenerative terminals of the perforant pathway are human .alpha.-
 synuclein -immunoreactive in the hippocampus of patients with
 diffuse Lewy body disease
 AU Iseki, Eizo; Marui, Wami; Kosaka, Kenji; Akiyama, Haruhiko; Ueda, Kenji;
 Iwatsubo, Takeshi
 CS Department of Psychiatry, Yokohama City University School of Medicine,
 Kanazawa-ku, Yokohama, 236-0004, Japan
 SO Neuroscience Letters (***1998***), 258(2), 81-84
 CODEN: NELED5; ISSN: 0304-3940
 PB Elsevier Science Ireland Ltd.
 DT Journal
 LA English

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 74 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1998:754430 CAPLUS
 DN 130:123300

TI The N-terminal region of non-A.beta. component of Alzheimer's disease
 amyloid is responsible for its tendency to assume .beta.-sheet and
 aggregate to form fibrils
 AU El-Agnaf, Omar M. A.; Bodles, Angela M.; Guthrie, David J. S.; Harriott,
 Patrick; Irvine, Brent
 CS Peptide and Protein Engineering Centre, School of Biology & Biochemistry,
 Medical Biology Centre, The Queen's University of Belfast, Belfast, BT9
 7BL, UK
 SO European Journal of Biochemistry (***1998***), 258(1), 157-163
 CODEN: EJBCAI; ISSN: 0014-2956
 PB Springer-Verlag
 DT Journal
 LA English

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 75 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1998:732783 CAPLUS
 DN 130:93885

TI Accelerated in vitro fibril formation by a mutant .alpha.-
 synuclein linked to early-onset Parkinson disease
 AU Conway, Kelly A.; Harper, James D.; Lansbury, Peter T.
 CS Cent. Neurol. Diseases, Brigham and Women's Hosp. Dep. Neurol., Harvard
 Med. Sch., Harvard Inst. Med., Boston, MA, 02115, USA
 SO Nature Medicine (New York) (***1998***), 4(11), 1318-1320
 CODEN: NAMEFI; ISSN: 1078-8956
 PB Nature America
 DT Journal
 LA English

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 76 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1998:697544 CAPLUS
 DN 130:64696

TI Synthetic filaments assembled from C-terminally truncated .alpha.-
 synuclein
 AU Crowther, R. Anthony; Jakes, Ross; Garcia Spillantini, Maria; Goedert,
 Michel
 CS Medical Research Council, Laboratory of Molecular Biology, Cambridge, CB2
 2QH, UK
 SO FEBS Letters (***1998***), 436(3), 309-312
 CODEN: FEBLAL; ISSN: 0014-5793

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 77 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:685549 CAPLUS

DN 129:300744

TI Parkinsonism

AU Kawakami, Hideshi; Toji, Hiromasa; Torii, Tsuyoshi; Kitamura, Takeshi

CS Sch. Med., Hiroshima Univ., Hiroshima, 734, Japan

SO Saishin Igaku (***1998***), 53(Suppl. 646), 2556-2561

CODEN: SAIGAK; ISSN: 0370-8241

PB Saishin Igakusha

DT Journal; General Review

LA Japanese

L4 ANSWER 78 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:681349 CAPLUS

DN 130:79782

TI Mutation in the .alpha.- ***synuclein*** gene and sporadic Parkinson's disease, Alzheimer's disease, and dementia with Lewy bodies

AU Higuchi, Susumu; Arai, Hiroyuki; Matsushita, Sachio; Matsui, Toshifumi;

CS Kimpura, Teiko; Takeda, Atsushi; Shirakura, Katsuyuki

CS National Institute on Alcoholism, Kurihama National Hospital, Kanagawa, 239, Japan

SO Experimental Neurology (***1998***), 153(1), 164-166

CODEN: EXNEAC; ISSN: 0014-4886

PB Academic Press

DT Journal

LA English

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 79 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:672032 CAPLUS

DN 130:36817

TI Binding of .alpha.- ***synuclein*** to brain vesicles is abolished by familial Parkinson's disease mutation

AU Jensen, Poul H.; Nielsen, Morten S.; Jakes, Ross; Dotti, Carlos G.; Goedert, Michel

CS Department of Medical Biochemistry, University of Aarhus, Aarhus C, DK-8000, Den.

SO Journal of Biological Chemistry (***1998***), 273(41), 26292-26294

CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 80 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:660879 CAPLUS

DN 130:79749

TI Immunoelectron-microscopic demonstration of NACP/.alpha.- ***synuclein*** -epitopes on the filamentous component of Lewy bodies in Parkinson's disease and in dementia with Lewy bodies

AU Arima, Kunimasa; Ueda, Kenji; Sunohara, Nobuhiko; Hirai, Shigeo;

CS Izumiyama, Yoko; Tonoizuka-Uehara, Haruko; Kawai, Mitsuru

CS Department of Ultrastructure and Histochemistry, Tokyo Institute of Psychiatry, Setagaya-ku, Tokyo, 156-8585, Japan

SO Brain Research (***1998***), 808(1), 93-100

CODEN: BRREAP; ISSN: 0006-8993

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 81 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:559875 CAPLUS

DN 129:314440

TI Failure to replicate a protective effect of allele 2 of NACP/.alpha.- ***synuclein*** polymorphism in Alzheimer's disease: an association study

AU Hellman, Nathan E.; Grant, Elizabeth A.; Goate, Alison M.
CS Departments of Psychiatry and Genetics, Washington Univ. School of
Medicine, St. Louis, MO, USA
SO Annals of Neurology (***1998***), 44(2), 278-281
CODEN: ANNE3; ISSN: 0364-5134
PB Lippincott-Raven Publishers
DT Journal
LA English
RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 82 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:529974 CAPLUS
TI Structural neurology: Seeded protein polymerization in neurodegenerative
disease.
AU Lansbury, Peter T., Jr.
CS Center Neurologic Diseases, Brigham and Women's Hospital, Boston, MA,
02115, USA
SO Book of Abstracts, 216th ACS National Meeting, Boston, August 23-27 (***1998***), TOXI-108 Publisher: American Chemical Society, Washington,
D. C.
CODEN: 66KYA2
DT Conference; Meeting Abstract
LA English

L4 ANSWER 83 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:478685 CAPLUS
DN 129:215192
TI Filamentous .alpha.- ***synuclein*** inclusions link multiple system
atrophy with Parkinson's disease and dementia with Lewy bodies
AU Grazia Spillantini, Maria; Anthony Crowther, R.; Jakes, Ross; Cairns,
Nigel J.; Lantos, Peter L.; Goedert, Michel
CS MRC Centre for Brain Repair and Department of Neurology, University of
Cambridge, Cambridge, CB2 2PY, UK
SO Neuroscience Letters (***1998***), 251(3), 205-208
CODEN: NELED5; ISSN: 0304-3940
PB Elsevier Science Ireland Ltd.
DT Journal
LA English
RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 84 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:475303 CAPLUS
DN 129:243201
TI Genes for Alzheimer's disease and related disorders
AU Tabira, Takeshi
CS Psychiatric Research Laboratory, National Mental and Psychiatric Center,
Japan
SO Igaku no Ayumi (***1998***), 185(9), 633-636
CODEN: IGAYAY; ISSN: 0039-2359
PB Ishiyaku Shuppan
DT Journal; General Review
LA Japanese

L4 ANSWER 85 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:381126 CAPLUS
DN 129:121088
TI .alpha.- ***synuclein*** immunoreactivity in glial cytoplasmic
inclusions in multiple system atrophy
AU Wakabayashi, Koichi; Yoshimoto, Makoto; Tsuji, Shoji; Takahashi, Hitoshi
CS Brain Research Institute, Brain Disease Research Center, Niigata
University, Niigata, 951-8585, Japan
SO Neuroscience Letters (***1998***), 249(2,3), 180-182
CODEN: NELED5; ISSN: 0304-3940
PB Elsevier Science Ireland Ltd.
DT Journal
LA English
RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 86 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:246770 CAPLUS
DN 129:14882
TI NACP/.alpha.- ***synuclein*** in onset of both Alzheimer disease and
Parkinson disease

AU Tanaka, Seigo
CS Inst. Chem. Res., Kyoto Univ., Uji, 611, Japan
SO Kagaku to Seibutsu (***1998***), 36(4), 243-244
CODEN: KASEAA; ISSN: 0453-073X
PB Gakkai Shuppan Senta
DT Journal; General Review
LA Japanese

L4 ANSWER 87 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:212860 CAPLUS
DN 128:293588

TI Low frequency of .alpha.- ***synuclein*** mutations in familial
Parkinson's disease

AU Farrer, Matt; Wavrant-De Vrieze, Fabienne; Crook, Richard; Boles, Lizzie;
Perez-Tur, Jordi; Hardy, John; Johnson, William G.; Steele, John;
Maraganore, Demetrius; Gwinn, Katrina; Lynch, Tim
CS Mayo Clinic Jacksonville, Jacksonville, FL, USA

SO Annals of Neurology (***1998***), 43(3), 394-397
CODEN: ANNE3; ISSN: 0364-5134

PB Lippincott-Raven Publishers

DT Journal

LA English

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 88 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:196842 CAPLUS
DN 129:39380

TI Common mechanism in Parkinson's and Alzheimer's diseases. NACP
(non-A.beta. component of AD ***amyloid*** precursor) and .alpha.-
synuclein

AU Ueda, Kenji

CS Dep. Neurochem., Tokyo Metrop. Inst. Neurol. Psychiatr., Japan

SO Saibo Kagaku (***1997***), 16(12), 1800-1801

CODEN: SAKOEO; ISSN: 0287-3796

PB Shujunsha

DT Journal; General Review

LA Japanese

L4 ANSWER 89 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:80814 CAPLUS
DN 128:203765

TI Progressive supranuclear gaze palsy is in linkage disequilibrium with the
.tau. and not the .alpha.- ***synuclein*** gene

AU Higgins, J. J.; Litvan, I.; Pho, L. T.; Li, W.; Nee, L. E.

CS Wadsworth Center, New York State Dept. of Health, Albany, NY, 12201-0509,
USA

SO Neurology (***1998***), 50(1), 270-273

CODEN: NEURAI; ISSN: 0028-3878

PB Lippincott-Raven Publishers

DT Journal

LA English

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 90 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:571894 CAPLUS
DN 127:261210

TI .alpha.- ***synuclein*** in Lewy bodies

AU Spillantini, Maria Grazia; Schmidt, Marie Luise; Lee, Virginia M.-Y.;

Trojanowski, John Q.; Jakes, Ross; Goedert, Michel

CS Med. Res. Counc. Cent. Brain Repair, Dep. Neurol., Univ. Cambridge,
Cambridge, CB2 2PY, UK

SO Nature (London) (***1997***), 388(6645), 839-840

CODEN: NATUAS; ISSN: 0028-0836

PB Macmillan Magazines

DT Journal

LA English

L4 ANSWER 91 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:360031 CAPLUS
DN 125:111832

TI The synaptic protein NACP is abnormally expressed during the progression
of Alzheimer's disease

AU Iwai, Akihiko; Masliah, Eliezer; Sundsmo, Mary P.; DeTeresa, Richard;

Mallory, Margaret; Salmon, David P.; Saitoh, Tsunao

CS Department of Neurosciences, University of California, San Diego, School
of Medicine, La Jolla, CA, 92093-0624, USA
SO Brain Research (***1996***), 720(1,2), 230-234
CODEN: BRREAP; ISSN: 0006-8993
PB Elsevier
DT Journal
LA English

L4 ANSWER 92 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1995:841638 CAPLUS
DN 123:253519
TI NACP, the precursor protein of the non- ***amyloid*** .beta./A4 protein
(A.beta.) component of Alzheimer disease ***amyloid***, binds A.beta.
and stimulates A.beta. aggregation
AU Yoshimoto, Makoto; Iwai, Akihiko; Kang, David; Otero, Deborah A. C.; Xia,
Yu; Saitoh, Tsunao
CS Department Neurosciences, University California, San Diego, La Jolla, CA,
92093-0624, USA
SO Proceedings of the National Academy of Sciences of the United States of
America (***1995***), 92(20), 9141-5
CODEN: PNASA6; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal
LA English

L4 ANSWER 93 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1995:640516 CAPLUS
DN 123:134622
TI Assignment of human .alpha.- ***synuclein*** (SNCA) and .beta.-
synuclein (SNCB) genes to chromosomes 4q21 and 5q35
AU Spillantini, Maria Grazia; Divane, Aspasia; Goedert, Michel
CS MRC Lab. Mol. Biology, Cambridge, CB2 2QH, UK
SO Genomics (***1995***), 27(2), 379-81
CODEN: GNMCEP; ISSN: 0888-7543
PB Academic
DT Journal
LA English

L4 ANSWER 94 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1995:599850 CAPLUS
DN 123:30651
TI The core Alzheimer's peptide NAC forms ***amyloid*** fibrils which
seed and are seeded by .beta.- ***amyloid***: Is NAC a common trigger
or target in neurodegenerative disease?
AU Han, Hogyu; Weinreb, Paul H.; Lansbury, Peter T., Jr.
CS Department Chemistry, Massachusetts Institute Technology, Cambridge, MA,
02139, USA
SO Chemistry & Biology (***1995***), 2(3), 163-9
CODEN: CBOLE2; ISSN: 1074-5521
DT Journal
LA English

L4 ANSWER 95 OF 143 CEABA-VTB COPYRIGHT 2004 DECHEMA on STN
AN 1997(06):4216 CEABA-VTB FS B
DN CEABA: 1997:1517891
TI Finding of gene for rare inherited Parkinson s may lead to treatment
CS Natl. Inst. Health, USA
SO Biotechnol. Newswatch (***1997***), p.7
ISSN: 0275-3685
DT Journal
LA English

L4 ANSWER 96 OF 143 CEN COPYRIGHT 2004 ACS on STN
AN 1999:3387 CEN
TI Neuroscience: The Ultimate Moon walk
Exploring the mysterious terrain of the mind increasingly will draw on the
expertise of chemists
SO Chemical & Engineering News, (***06 Dec 1999***) Vol. 77, No. 49, pp.
91.
CODEN: CENEAR, ISSN: 0009-2347.
PB American Chemical Society
LA English
WC 4400

L4 ANSWER 97 OF 143 CEN COPYRIGHT 2004 ACS on STN

AN 1998:3278 CEN
 TI Insights gained on route to Parkinson's disease
 SO Chemical & Engineering News, (***2 Nov 1998***) Vol. 76, No. 44, pp.
 21.
 CODEN: CENEAR, ISSN: 0009-2347.
 PB American Chemical Society
 LA English
 WC 224

L4 ANSWER 98 OF 143 DISSABS COPYRIGHT (C) 2004 ProQuest Information and
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 AN 2000:35610 DISSABS Order Number: AAI0801019
 TI Alpha ***synuclein*** expression in hippocampal neuronal cultures and
 in vitro models of alpha ***synuclein*** fibril formation in
 Parkinson's disease
 AU Conway, Kelly Ann [Ph.D.]; Lansbury, Peter T., Jr. [adviser]
 CS Massachusetts Institute of Technology (0753)
 SO Dissertation Abstracts International, (***1999***) Vol. 61, No. 1B, p.
 242. Order No.: AAI0801019.
 DT Dissertation
 FS DAI
 LA English

L4 ANSWER 99 OF 143 DISSABS COPYRIGHT (C) 2004 ProQuest Information and
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 AN 2000:14212 DISSABS Order Number: AAI9944216
 TI THE ROLE OF ALPHA- ***SYNUCLEIN*** IN CENTRAL NERVOUS SYSTEM PHYSIOLOGY
 AND NEURODEGENERATIVE DISORDERS
 AU HSU, LEIGH JAMES [PH.D.]; MASLIAH, ELIEZER [adviser]
 CS UNIVERSITY OF CALIFORNIA, SAN DIEGO (0033)
 SO Dissertation Abstracts International, (***1999***) Vol. 60, No. 8B, p.
 3771. Order No.: AAI9944216. 144 pages.
 DT Dissertation
 FS DAI
 LA English

L4 ANSWER 100 OF 143 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
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 AN 2000026334 EMBASE
 TI Protein deposits as the molecular basis of amyloidosis. Part II. Localized
 amyloidosis and neurodegenerative disorders.
 AU Uversky V.N.; Talapatra A.; Gillespie J.R.; Fink A.L.
 CS V.N. Uversky, Dept. of Chemistry and Biochemistry, University of
 California, Santa Cruz, CA 95064, United States. uversky@hydrogen.ucsc.edu
 SO Medical Science Monitor, (1999) 5/6 (1238-1254).
 Refs: 114
 ISSN: 1234-1010 CODEN: MSMOFR
 CY Poland
 DT Journal; General Review
 FS 008 Neurology and Neurosurgery
 029 Clinical Biochemistry
 LA English

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 AN 2000002960 EMBASE
 TI [Alzheimer's disease: Lesions and their progression].
 MALADIE D'ALZHEIMER: LES LESIONS ET LEUR PROGRESSION.
 AU Duyckaerts C.; Colle M.-A.; Delatour B.; Hauw J.-J.
 CS C. Duyckaerts, Lab. de Neuropath. R. Escourolle, Hopital de La
 Salpetriere, 47 Bd de l'Hopital, 75651 Paris Cedex 13, France
 SO Revue Neurologique, (1999) 155/SUPPL. 4 (4S17-4S27).
 Refs: 120
 ISSN: 0035-3787 CODEN: RENEAM
 CY France
 DT Journal; General Review
 FS 005 General Pathology and Pathological Anatomy
 008 Neurology and Neurosurgery
 LA French
 SL English; French

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 AN 1999372815 EMBASE
 TI Protein deposits as the molecular basis of amyloidosis. Part I. Systemic

amyloidoses.
 AU Uversky V.N.; Talapatra A.; Gillespie J.R.; Fink A.L.
 CS Dr. V.N. Uversky, Department of Chemistry/Biochemistry, University of
 California, Santa Cruz, CA 95064, United States. uversky@hydrogen.ucsc.edu
 SO Medical Science Monitor, (1999) 5/5 (1001-1012).
 Refs: 79
 ISSN: 1234-1010 CODEN: MSMOFR
 CY Poland
 DT Journal; General Review
 FS 029 Clinical Biochemistry
 LA English

L4 ANSWER 103 OF 143 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
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 AN 1999310787 EMBASE
 TI 26th FEBS meeting, Nice, France, 19-24 June 1999: News of new and old
 therapeutic targets.
 AU Graf H.
 CS H. Graf, Roche Diagnostics GmbH, Bahnhofstrasse 9-15, D-82327 Tutzing,
 Germany. hermann.graf@roche.com
 SO Expert Opinion on Investigational Drugs, (1999) 8/9 (1467-1469).
 Refs: 0
 ISSN: 1354-3784 CODEN: EOIDER
 CY United Kingdom
 DT Journal; Conference Article
 FS 008 Neurology and Neurosurgery
 016 Cancer
 022 Human Genetics
 029 Clinical Biochemistry
 030 Pharmacology
 037 Drug Literature Index
 LA English

L4 ANSWER 104 OF 143 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
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 AN 1999247804 EMBASE
 TI An 80-year-old woman with Parkinsonism and progressive dementia.
 AU Hattori N.; Sumino S.; Takanashi M.; Mori H.; Wakiya M.; Shirai T.; Sugita
 H.; Mizuno Y.
 CS N. Hattori, Department of Neurology, Juntendo University Sch. of Medicine,
 2-1-1 Hongo, Bunkyo, Tokyo 113-8421, Japan
 SO Brain and Nerve, (1999) 51/6 (541-550).
 Refs: 24
 ISSN: 0006-8969 CODEN: NOTOA6
 CY Japan
 DT Journal; Article
 FS 008 Neurology and Neurosurgery
 037 Drug Literature Index
 038 Adverse Reactions Titles
 LA Japanese
 SL English; Japanese

L4 ANSWER 105 OF 143 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
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 AN 1999212174 EMBASE
 TI The biochemistry of Alzheimer's disease.
 AU Stege G.J.J.; Bosman G.J.C.G.M.
 CS G.J.C. Bosman, Department of Biochemistry, BEG-160, Institute of Cellular
 Signalling, University of Nijmegen, PO Box 9101, NL-6500 HB Nijmegen,
 Netherlands. G.Bosman@bioch.kun.nl
 SO Drugs and Aging, (1999) 14/6 (437-446).
 Refs: 106
 ISSN: 1170-229X CODEN: DRAGE6
 CY New Zealand
 DT Journal; General Review
 FS 005 General Pathology and Pathological Anatomy
 008 Neurology and Neurosurgery
 020 Gerontology and Geriatrics
 022 Human Genetics
 029 Clinical Biochemistry
 032 Psychiatry
 LA English
 SL English

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AN 1999169677 EMBASE
 TI Alpha- ***synuclein*** and Parkinson's disease.
 AU Golbe L.I.
 CS Prof. L.I. Golbe, Department of Neurology, UMDNJ-Robert Wood Johnson Med.
 Sch., 97 Paterson St., New Brunswick, NJ 08901, United States
 SO Movement Disorders, (1999) 14/1 (6-9).
 Refs: 31
 ISSN: 0885-3185 CODEN: MOVDEA
 CY United States
 DT Journal; Editorial
 FS 008 Neurology and Neurosurgery
 032 Psychiatry
 LA English

L4 ANSWER 107 OF 143 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
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AN 1999153753 EMBASE
 TI Aggregates in neurodegenerative disease: Crowds and power?.
 AU Tran P.B.; Miller R.J.
 CS P.B. Tran, Dept. of Pharmacol./Physiol. Sci., University of Chicago,
 Chicago, IL 60637, United States
 SO Trends in Neurosciences, (1999) 22/5 (194-197).
 Refs: 40
 ISSN: 0166-2236 CODEN: TNSCDR
 PUI S 0166-2236(99)01409-5
 CY United Kingdom
 DT Journal; Article
 FS 005 General Pathology and Pathological Anatomy
 008 Neurology and Neurosurgery
 022 Human Genetics
 LA English

L4 ANSWER 108 OF 143 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
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AN 1999038285 EMBASE
 TI Dementia with Lewy bodies: A common cause of dementia with therapeutic
 potential.
 AU Perry E.K.; McKeith I.G.; Perry R.H.
 CS Dr. E.K. Perry, MRC Neurochemical Pathology Unit, Newcastle General
 Hospital, Westgate Road, Newcastle Upon Tyne NE4 6BE, United Kingdom
 SO International Journal of Geriatric Psychopharmacology, (1998) 1/3
 (120-125).
 Refs: 46
 ISSN: 1364-8233 CODEN: IJGPFT
 CY United Kingdom
 DT Journal; Conference Article
 FS 005 General Pathology and Pathological Anatomy
 008 Neurology and Neurosurgery
 020 Gerontology and Geriatrics
 032 Psychiatry
 037 Drug Literature Index
 LA English
 SL English

L4 ANSWER 109 OF 143 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
 on STN

AN 1998211883 ESBIODASE
 TI The native form of .alpha.- ***synuclein*** is not found in the
 cerebrospinal fluid of patients with Parkinson's disease or normal
 controls
 AU Jakowec M.W.; Petzinger G.M.; Sastry S.; Donaldson D.M.; McCormack A.;
 Langston J.W.
 CS M.W. Jakowec, Parkinson's Institute, 1170 Morse Avenue, Sunnyvale, CA
 94089, United States.
 E-mail: mjakowec@parkinsonsinstitute.org
 SO Neuroscience Letters, *** (28 AUG 1998) *** , 253/1 (13-16), 18
 reference(s)
 CODEN: NELED5 ISSN: 0304-3940
 PUI S0304394098005990
 DT Journal; Article
 CY Ireland
 LA English
 SL English

L4 ANSWER 110 OF 143 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
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AN 1997180496 ESBIODBASE
 TI Aluminum-induced structural alterations of the precursor of the
 non-A.beta. component of Alzheimer's disease ***amyloid***
 AU Paik S.R.; Lee J.-H.; Kim D.-H.; Chang C.-S.; Kim J.
 CS S.R. Paik, Department of Biochemistry, College of Medicine, Inha
 University, Nam-Ku, Incheon 402-751, South Korea.
 E-mail: srpaik@dragon.inha.ac.kr
 SO Archives of Biochemistry and Biophysics, (***1997***), 344/2
 (325-334), 57 reference(s)
 CODEN: ABBIA4 ISSN: 0003-9861
 DT Journal; Article
 CY United States
 LA English
 SL English

L4 ANSWER 111 OF 143 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AF044672 GenBank (R)
 GenBank ACC. NO. (GBN): AF044672
 GenBank VERSION (VER): AF044672.1 GI:2829292
 CAS REGISTRY NO. (RN): 203238-11-3
 SEQUENCE LENGTH (SQL): 513
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Rodents
 DATE (DATE): 15 Aug 2001
 DEFINITION (DEF): Mus musculus alpha- ***synuclein*** mRNA, complete
 cds.
 SOURCE:
 ORGANISM (ORGN): house mouse.
 Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Rodentia;
 Sciurognathi; Muridae; Murinae; Mus
 NUCLEIC ACID COUNT (NA): 149 a 95 c 169 g 100 t
 REFERENCE:
 1 (bases 1 to 513)
 AUTHOR (AU): Hsu,L.J.; Mallory,M.; Xia,Y.; Veinbergs,I.;
 Hashimoto,M.; Yoshimoto,M.; Thal,L.J.; Saitoh,T.;
 Masliah,E.
 TITLE (TI): Expression pattern of synucleins (non-Abeta component
 of Alzheimer's disease ***amyloid*** precursor
 protein/alpha- ***synuclein***) during murine brain
 development
 JOURNAL (SO): J. Neurochem., 71 (1), 338-344 (***1998***)
 OTHER SOURCE (OS): CA 129:159608
 REFERENCE:
 2 (bases 1 to 513)
 AUTHOR (AU): Hsu,L.J.; Masliah,E.
 TITLE (TI): Direct Submission
 JOURNAL (SO): Submitted (26-JAN-1998) Molecular Pathology, UCSD, 9500
 Gilman Drive, La Jolla, CA 92093-0612, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
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CDS	40..462	/note="NACP" /codon-start=1 /product="alpha-synuclein" /protein-id="AAC00521.1" /db-xref="GI:2829293" /translation="MDVFMKGLSKAKEGVVAAAE KTKQGVAAEAGKTKEGVLYVGSKT KEGVVHGVTTVAETTKEQVTNVGGAVVTGVTAVA QKTVEGAGNIAAATGFVKKQDMGK GEEGYPQEGILEDMPVDPGSEAYEMPSEEGYQDY EPEA"

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181 gtggttcatg gagtgacaac agtggctgag acgaccaaag agcaagtgaac aaatgttga
241 ggagcagtggt tgactgggtg gacagcagtc gctcagaaga cagtggaggg agctgggaat
301 atagctgctg ccactggcct tgtcaagaag gaccagatgg gcaagggtga ggaggggtac
361 ccacaggaag gaatcctgga agacatgcct gtggatcctg gcagtgaaggc ttatgaaatg
421 ctttcagagg aaggctacca agactatgag cctgaagcct aagaaatgac attgcaccca
481 atctcctaag atctgcggcg tgctcttcca tgg
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LOCUS (LOC): AF010126 GenBank (R)
 GenBank ACC. NO. (GBN): AF010126
 GenBank VERSION (VER): AF010126.1 GI:2281473
 CAS REGISTRY NO. (RN): 392013-09-1
 SEQUENCE LENGTH (SQL): 550
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Primates
 DATE (DATE): 26 Jul 1997
 DEFINITION (DEF): Homo sapiens breast cancer-specific protein 1 (BCSG1)
 mRNA, complete cds.
 SOURCE: human.
 ORGANISM (ORGN): Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
 Hominidae; Homo
 NUCLEIC ACID COUNT (NA): 132 a 145 c 192 g 81 t
 REFERENCE: 1 (bases 1 to 550)
 AUTHOR (AU): Ji,H.; Liu,Y.E.; Jia,T.; Wang,M.; Liu,J.; Xiao,G.;
 Joseph,B.K.; Rosen,C.; Shi,Y.E.
 TITLE (TI): Identification of a breast cancer-specific gene, BCSG1,
 by direct differential cDNA sequencing
 JOURNAL (SO): Cancer Res., 57 (4), 759-764 (****1997****)
 OTHER SOURCE (OS): CA 126:221387
 REFERENCE: 2 (bases 1 to 550)
 AUTHOR (AU): Ji,H.; Liu,Y.E.; Jia,T.; Wang,M.; Liu,J.; Xiao,G.;
 Joseph,B.K.; Rosen,C.; Shi,Y.E.
 TITLE (TI): Direct Submission
 JOURNAL (SO): Submitted (23-JUN-1997) Ped. Res., Long Island Jewish
 Medical Center, 270-05 76th Ave., New Hyde Park, NY
 11040, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..550	/organism="Homo sapiens" /db-xref="taxon:9606" /tissue-type="breast cancer" /note="cDNA highly abundant in a breast cancer library but not in normal library"
gene	1..550	/gene="BCSG1"
CDS	12..395	/gene="BCSG1" /note="breast cancer-specific protein 1; synuclein-like; AD amyloid-like" /codon-start=1 /product="BCSG1 protein" /protein-id="AAB64109.1" /db-xref="GI:2281474" /translation="MDVFKKGFSAIKKGVVGAVE KTKQGVTEAAEKTKEGVMYVGAKT KENVVQSVTSVAEKTKEQANAVSKAVVSSVNTVA TKTVEEAENIAVTSGVVRKEDLRP SAPQQEGEASKEKEEVAEEAQSAGD"

SEQUENCE (SEQ):

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1  caccagccac catggatgtt ttcaagaagg gcttctccat cgccaagaag ggcgtggtgg
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121 tcatgtatgt gggagccaag accaaggaga atgttgtaca gagcgtgacc tcagtggccg
181 agaagaccaa ggagcaggcc aacgccgtga gcaaggctgt ggtgagcagc gtcaacactg
241 tggccaccaa gaccgtggag gaggcggaga acatcgcggt cacctccggg gtggtgcgca
301 aggaggactt gaggccatct gcccccaac aggggggtga ggcattcaaa gagaaagagg
361 aagtggcaga ggaggccag agtgggggag actagagggc tacaggccag cgtggatgac
421 ctgaagagcg ctctctgccc ttggacacca tccccctcta gcacaaggag tgcccgctt
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541 acctgtgctg
  
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LOCUS (LOC): HUMNACPB GenBank (R)
 GenBank ACC. NO. (GBN): L36675
 GenBank VERSION (VER): L36675.1 GI:556213
 CAS REGISTRY NO. (RN): 158450-95-4

SEQUENCE LENGTH (SQL): 369
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Primates
 DATE (DATE): 26 Apr 1996
 DEFINITION (DEF): Human (clone 2-4) ***synuclein*** (NACP) mRNA,
 complete cds.
 SOURCE: human.
 ORGANISM (ORGN): Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
 Hominidae; Homo
 NUCLEIC ACID COUNT (NA): 120 a 61 c 122 g 66 t
 REFERENCE: 1 (bases 1 to 369)
 AUTHOR (AU): Campion,D.; Martin,C.; Heilig,R.; Charbonnier,F.;
 Moreau,V.; Flaman,J.M.; Petit,J.L.; Hannequin,D.;
 Brice,A.; Frebourg,T.
 TITLE (TI): The NACP/ ***synuclein*** gene: chromosomal
 assignment and screening for alterations in Alzheimer
 disease
 JOURNAL (SO): Genomics, 26 (2), 254-257 (***1995***)
 OTHER SOURCE (OS): CA 123:104119

Feature Key	Location	Qualifier
source	1..369	/organism="Homo sapiens" /db-xref="taxon:9606" /map="chromosome 4" /clone="2-4" /cell-type="EBV-immortalized lymphocytes"
gene	1..369	/gene="NACP"
CDS	19..357	/gene="NACP" /note="non-Ab component of amyloid peptide precursor" /codon-start=1 /product="synuclein" /protein-id="AAA98487.1" /db-xref="GI:556214" /translation="MDVFMKGLSKAKEGVVAAAE KTKQGVAEAAAGKTEGVLVVGSKT KEGVVHGVATVAEKTKEQVTNVGGAVVTGVTAVA QKTVEGAGSIAAATGFVKKDQLGK EGYQDYEPEA"

SEQUENCE (SEQ):
 1 taaaggaatt cattagccat ggatgtattc atgaaaggac tttcaaaggc caaggagggga
 61 gttgtggctg ctgctgagaa aaccaaacag ggtgtggcag aagcagcagg aaagacaaaa
 121 gaggggtgttc tctatgtagg ctccaaaacc aaggagggag tggatcatgg tgtggcaaca
 181 gtggctgaga agaccaaaga gcaagtgaca aatgttggag gagcagtggg gacgggtgtg
 241 acagcagtag cccagaagac agtggaggga gcaggagagca ttgcagcagc cactggcttt
 301 gtcaaaaagg accagttggg caaggaaggg tatcaagact acgaacctga agcctaagaa
 361 atatctttg

L4 ANSWER 114 OF 143 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): HUMNACP GenBank (R)
 GenBank ACC. NO. (GBN): L36674
 GenBank VERSION (VER): L36674.1 GI:556211
 CAS REGISTRY NO. (RN): 158450-94-3
 SEQUENCE LENGTH (SQL): 411
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Primates
 DATE (DATE): 26 Apr 1996
 DEFINITION (DEF): Human (clone 2-5) ***synuclein*** (NACP) mRNA,
 complete cds.
 SOURCE: human.
 ORGANISM (ORGN): Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
 Hominidae; Homo
 NUCLEIC ACID COUNT (NA): 135 a 68 c 130 g 78 t
 REFERENCE: 1 (sites)
 AUTHOR (AU): Ueda,K.; Fukushima,H.; Masliah,E.; Xia,Y.; Iwai,A.;
 Yoshimoto,M.; Otero,D.A.; Kondo,J.; Ihara,Y.; Saitoh,T.
 TITLE (TI): Molecular cloning of cDNA encoding an unrecognized

JOURNAL (SO): component of ***amyloid*** in Alzheimer disease
Proc. Natl. Acad. Sci. U.S.A., 90 (23), 11282-11286 (***1993***)
OTHER SOURCE (OS): CA 120:214320
REFERENCE: 2 (bases 1 to 411)
AUTHOR (AU): Campion,D.; Martin,C.; Heilig,R.; Charbonnier,F.;
Moreau,V.; Flaman,J.M.; Petit,J.L.; Hannequin,D.;
Brice,A.; Frebourg,T.
TITLE (TI): The NACP/ ***synuclein*** gene: chromosomal
assignment and screening for alterations in Alzheimer
disease
JOURNAL (SO): Genomics, 26 (2), 254-257 (***1995***)
OTHER SOURCE (OS): CA 123:104119
REFERENCE: 3 (bases 1 to 411)
AUTHOR (AU): Campion,D.; Martin,C.; Heilig,C.; Charbonnier,F.;
Moreau,V.; Flaman,J.-M.; Petit,J.-L.; Hannequin,D.;
Brice,A.; Frebourg,T.
TITLE (TI): The NACP/ ***synuclein*** gene: chromosomal
assignment and screening for alterations in Alzheimer's
disease
JOURNAL (SO): Unpublished (1994)

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..411	/organism="Homo sapiens" /db-xref="taxon:9606" /map="chromosome 4" /clone="2-5" /cell-type="EBV-immortalized lymphocytes"
gene	1..411	/gene="NACP"
CDS	19..399	/gene="NACP" /note="non-Ab component of amyloid peptide precursor" /codon-start=1 /product="synuclein" /protein-id="AAA98493.1" /db-xref="GI:556212" /translation="MDVFMKGLSKAKEGVVAAAE KTKQGVAEAAGKTKEGVLYVVAEK TKEQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAT GFVKKDKLGKNEEGAPQEGILED PVDPDNEAYEMPSEEGYQDYEPEA"

SEQUENCE (SEQ):

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1 taaaggaatt cattagccat ggatgtattc atgaaaggac tttcaaaggc caaggaggga
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121 gaggggtgtt tctatgtagt ggctgagaag accaaagagc aagtgacaaa tgttgaggga
181 gcagtgggtga cgggtgtgac agcagtagcc cagaagacag tggaggggagc agggagcatt
241 gcagcagcca ctggctttgt caaaaaggac cagttgggca agaatagaaga aggagcccca
301 caggaaggaa ttctggaaga tatgcctgtg gatcctgaca atgaggctta tgaaatgcct
361 tctgaggaag ggatcaaga ctacgaacct gaagcctaag aaatatcttt g

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L4 ANSWER 115 OF 143 JICST-EPlus COPYRIGHT 2004 JST on STN
AN 1000014433 JICST-EPlus
TI Abnormal accumulation of .ALPHA.- ***synuclein*** /NACP which is common
in Lewy body disorders and multiple system atrophy. (Ministry of Health
and welfare S).
AU TAKAHASHI HITOSHI; HAYASHI SHINTARO; KAKITA AKEMI; YAMADA MITSUNORI;
TOYOSHIMA YASUKO
WAKABAYASHI KOICHI
YOSHIMOTO MAKOTO
CS Brain Res. Inst., Niigata Univ.
Niigatadai Noshikkankaiseise
Taishoseiyaku Soyakuken
SO Shinkei Hensei Shikkan Chosa Kenkyuhan. 1998 Nendo Kenkyu Hokokusho,
(1999) pp. 101-103. Journal Code: N19993112 (Fig. 3, Ref. 28)
CY Japan
DT Journal; Short Communication
LA Japanese
STA New

L4 ANSWER 116 OF 143 JICST-EPlus COPYRIGHT 2004 JST on STN
AN 1000014426 JICST-EPlus
TI .ALPHA.- ***synuclein*** accumulation into the cultured cerebellar

granule cells by MPP+. (Ministry of Health and Welfare S).
AU TANIWAKI TAKAYASU; YAMADA TAKESHI; ASAHARA HIDEAKI; MITA HIROSHI; OYAGI
YASUMASA; KIRA JUN'ICHI
CS Kyushu Univ., Neurol. Inst.
SO Shinkei Hensei Shikkan Chosa Kenkyuhan. 1998 Nendo Kenkyu Hokokusho,
(1999) pp. 82-84. Journal Code: N19993112 (Fig. 9, Ref. 5)
CY Japan
DT Journal; Short Communication
LA Japanese
STA New

L4 ANSWER 117 OF 143 JICST-EPlus COPYRIGHT 2004 JST on STN
AN 1000014402 JICST-EPlus
TI Parkinson disease. Cell death and accumulation of .ALPHA.-
synuclein /NACP. (Ministry of Health and Welfare S).
AU TAKAHASHI HITOSHI
WAKABAYASHI KOICHI
CS Brain Res. Inst., Niigata Univ.
Niigatadai Noshikkankaisekise
SO Shinkei Hensei Shikkan Chosa Kenkyuhan. 1998 Nendo Kenkyu Hokokusho,
(1999) pp. 22-24. Journal Code: N19993112 (Fig. 1, Ref. 18)
CY Japan
DT Journal; Short Communication
LA Japanese
STA New

L4 ANSWER 118 OF 143 JICST-EPlus COPYRIGHT 2004 JST on STN
AN 990033188 JICST-EPlus
TI Interaction of NACP/.ALPHA.- ***synuclein*** with .BETA./A4 and effect
on the fibril formation in vitro.
AU SHINODA TOMOTAKA; TAKEDA KAZUYA; HOSSAIN S; SADIK G
UEDA KENJI
CS Grad. Sch. of Tokyo Metrop. Univ.
Psychiatr. Res. Inst. of Tokyo
SO Taishakei Shikkan Chosa Kenkyuhan. Heisei 9 Nendo Kenkyu Hokokusho, (1998)
pp. 162-165. Journal Code: N19982403 (Fig. 2, Ref. 5)
CY Japan
DT Journal; Short Communication
LA Japanese
STA New

L4 ANSWER 119 OF 143 JICST-EPlus COPYRIGHT 2004 JST on STN
AN 980645420 JICST-EPlus
TI Immunohistochemical examination of brain in patient of Parkinson disease
using anti-NACP/.ALPHA.- ***synuclein*** antibody. (Ministry of Health
and Welfare S)
AU TAKAHASHI HITOSHI; WAKABAYASHI KOICHI
YOSHIMOTO MAKOTO
CS Brain Res. Inst., Niigata Univ.
Taishoseiyaku Soyakuken
SO Shinkei Hensei Shikkan Chosa Kenkyuhan. 1995 Nendo Kenkyu Hokokusho,
(1998) pp. 111-113. Journal Code: N19981612 (Fig. 1, Ref. 12)
CY Japan
DT Journal; Short Communication
LA Japanese
STA New

L4 ANSWER 120 OF 143 JICST-EPlus COPYRIGHT 2004 JST on STN
AN 980563529 JICST-EPlus
TI Interaction of NACP/.ALPHA.- ***synuclein*** with .BETA./A4 and effect
on the fibril formation in vitro.
AU TAKEDA KAZUYA; HOSSAIN S; SADIK G; SHINODA TOMOTAKA
UEDA KENJI
CS Grad. Sch. of Tokyo Metrop. Univ.
Psychiatr. Res. Inst. of Tokyo
SO Kiso Roka Kenkyu (Biomedical Gerontology), (1998) vol. 21, no. 2, pp. 76.
Journal Code: Y0748A
ISSN: 0912-8921
CY Japan
DT Journal; Short Communication
LA Japanese
STA New

L4 ANSWER 121 OF 143 JICST-EPlus COPYRIGHT 2004 JST on STN
AN 980563528 JICST-EPlus
TI Processing in vitro of NACP/.ALPHA.- ***synuclein*** with Cathepsin D.

AU SHAHANARA H M; TAKEDA K; ALIM M A; SADIK G; YAMAGATA F; UEDA K; SHINODA T
CS Tokyo Metropolitan Univ.
SO Kiso Roka Kenkyu (Biomedical Gerontology), (1998) vol. 21, no. 2, pp. 75.
Journal Code: Y0748A
ISSN: 0912-8921
CY Japan
DT Journal; Short Communication
LA English
STA New

L4 ANSWER 122 OF 143 LIFESCI COPYRIGHT 2004 CSA on STN
AN 2001:98148 LIFESCI
TI Immunophilin Ligands: Possible Neuroprotective Agents
AU Ogawa, Norio
CS Department of Neuroscience, Institute of Molecular and Cellular Medicine,
Okayama University Medical School, Okayama 700-8558, Japan
SO Neuroscience News [Nerosci. News], (***19990000***) vol. 2, no. 5, pp.
28-34.
ISSN: 1027-6599.
DT Journal
TC General Review
FS N3
LA English

L4 ANSWER 123 OF 143 LIFESCI COPYRIGHT 2004 CSA on STN
AN 1998:85847 LIFESCI
TI alpha - ***synuclein*** : A link between Parkinson and Alzheimer
diseases?
AU Heintz, N.; Zoghbi, H.
CS Department of Molecular Biology, HHMI Rockefeller University, 1230 York
Avenue, New York, New York 10021, USA
SO NAT. GENET., (***19970800***) vol. 16, no. 4, pp. 325-344.
ISSN: 1061-4036.
DT Journal
FS G; N3
LA English
SL English

L4 ANSWER 124 OF 143 LIFESCI COPYRIGHT 2004 CSA on STN
AN 97:56925 LIFESCI
TI Neurodegenerative diseases and transglutaminase
AU Lorand, L.
CS Dep. Cell and Mol. Biol., Northwestern Univ. Med. Sch., Chicago, IL 60611,
USA
SO PROC. NATL. ACAD. SCI. USA, (***1996***) vol. 93, no. 25, pp.
14310-14313.
ISSN: 0027-8424.
DT Journal
FS G; N3
LA English
SL English

L4 ANSWER 125 OF 143 MEDLINE on STN
AN 97239607 MEDLINE
DN 97239607 PubMed ID: 9085269
TI Evidence that the precursor protein of non-A beta component of Alzheimer's
disease ***amyloid*** (NACP) has an extended structure primarily
composed of random-coil.
AU Kim J
CS Department of Microbiology, Yonsei University College of Medicine, Seoul,
Korea.
SO MOLECULES AND CELLS, *** (1997 Feb 28) *** 7 (1) 78-83.
Journal code: 9610936. ISSN: 1016-8478.
CY KOREA
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199705
ED Entered STN: 19970514
Last Updated on STN: 20000303
Entered Medline: 19970505

L4 ANSWER 126 OF 143 MEDLINE on STN
AN 97057172 MEDLINE
DN 97057172 PubMed ID: 8901511
TI NACP, a protein implicated in Alzheimer's disease and learning, is

natively unfolded.
AU Weinreb P H; Zhen W; Poon A W; Conway K A; Lansbury P T Jr
CS Department of Chemistry, Massachusetts Institute of Technology, Cambridge
02139, USA.
NC AG08470 (NIA)
RR00317 (NCRR)
SO BIOCHEMISTRY, *** (1996 Oct 29) *** 35 (43) 13709-15.
Journal code: 0370623. ISSN: 0006-2960.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199612
ED Entered STN: 19970128
Last Updated on STN: 20000303
Entered Medline: 19961203

L4 ANSWER 127 OF 143 MEDLINE on STN
AN 95100969 MEDLINE
DN 95100969 PubMed ID: 7802671
TI Tissue-dependent alternative splicing of mRNA for NACP, the precursor of
non-A beta component of Alzheimer's disease ***amyloid***
AU Ueda K; Saitoh T; Mori H
CS Department of Molecular Biology, Tokyo Institute of Psychiatry, Japan.
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, *** (1994 Dec 15) ***
205 (2) 1366-72.
Journal code: 0372516. ISSN: 0006-291X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-D31839
EM 199501
ED Entered STN: 19950215
Last Updated on STN: 20000303
Entered Medline: 19950125

L4 ANSWER 128 OF 143 MEDLINE on STN
AN 94068588 MEDLINE
DN 94068588 PubMed ID: 8248242
TI Molecular cloning of cDNA encoding an unrecognized component of
amyloid in Alzheimer disease.
AU Ueda K; Fukushima H; Masliah E; Xia Y; Iwai A; Yoshimoto M; Otero D A;
Kondo J; Ihara Y; Saitoh T
CS Department of Neurosciences, School of Medicine, University of California,
San Diego, La Jolla 92093-0624.
NC AG05131 (NIA)
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, *** (1993 Dec 1) *** 90 (23) 11282-6.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-L08850
EM 199401
ED Entered STN: 19940201
Last Updated on STN: 20000303
Entered Medline: 19940104

L4 ANSWER 129 OF 143 PHIN COPYRIGHT 2004 PJB on STN
AN 97:12855 PHIN
DN S00544322
DED 15 Jul 1997
TI Genetic research update
SO Scrip (***1997***) No. 2249 p21
DT Newsletter
FS FULL

L4 ANSWER 130 OF 143 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 1998:679225 PROMT
TITLE: Misshapes and misfits: protein misfolding and disease.
AUTHOR(S): Perrett, Sarah
SOURCE: Chemistry and Industry, (***18 May 1998***) No. 10, pp.

389(5).
ISSN: ISSN: 0009-3068.
PUBLISHER: Society of Chemical Industry
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 4672
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L4 ANSWER 131 OF 143 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 1998:555246 PROMT
TITLE: Parkinson's disease: nature meets nurture.(Commentary)
AUTHOR(S): Golbe, Lawrence I.
SOURCE: The Lancet, (***24 Oct 1998***) pp. 1328(1).
ISSN: 0099-5355.
LANGUAGE: English
WORD COUNT: 1127
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L4 ANSWER 132 OF 143 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 97:381054 PROMT
TITLE: Parkinson's Disease NIH Researchers Find First Parkinson's
Disease Gene
SOURCE: Disease Weekly Plus, (***7 Jul 1997***) pp. N/A.
LANGUAGE: English
WORD COUNT: 942
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L4 ANSWER 133 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 2000:21524 SCISEARCH
GA The Genuine Article (R) Number: 269HX
TI The biochemistry of Alzheimer disease
AU Fine R E (Reprint)
CS BOSTON UNIV, SCH MED, DEPT BIOCHEM, 715 ALBANY ST K-124-C, BOSTON, MA
02118 (Reprint); EDITH NOURSE ROGERS MEM VET ADM HOSP, GERIATR RES EDUC &
CLIN CTR, BEDFORD, MA 01730
CYA USA
SO ALZHEIMER DISEASE & ASSOCIATED DISORDERS, (***APR-JUN 1999***) Vol.
13, supp. [1], pp. s82-s87.
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA
19106-3621.
ISSN: 0893-0341.
DT Article; Journal
FS LIFE; CLIN
LA English
REC Reference Count: 49
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L4 ANSWER 134 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 2000:10472 SCISEARCH
GA The Genuine Article (R) Number: 267JU
TI alpha- ***synuclein*** immunoreactivity is present in axonal swellings
in neuroaxonal dystrophy and acute traumatic brain injury
AU Newell K L (Reprint); Boyer P; GomezTortosa E; Hobbs W; Hedleywhyte E T;
Vonsattel J P; Hyman B T
CS MASSACHUSETTS GEN HOSP E, ALZHEIMERS DIS RES UNIT, 149 13TH ST, ROOM
6604B, CHARLESTOWN, MA 02129 (Reprint); HARVARD UNIV, MASSACHUSETTS GEN
HOSP, CS KUBIK LAB NEUROPATHOL, BOSTON, MA; HARVARD UNIV, MASSACHUSETTS
GEN HOSP, DEPT PATHOL, BOSTON, MA; HARVARD UNIV, MASSACHUSETTS GEN HOSP,
DEPT NEUROL, BOSTON, MA
CYA USA
SO JOURNAL OF NEUROPATHOLOGY AND EXPERIMENTAL NEUROLOGY, (***DEC 1999***)
Vol. 58, No. 12, pp. 1263-1268.
Publisher: AMER ASSN NEUROPATHOLOGISTS INC, 1041 NEW HAMPSHIRE ST,
LAWRENCE, KS 66044.
ISSN: 0022-3069.
DT Article; Journal
FS LIFE
LA English
REC Reference Count: 35
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L4 ANSWER 135 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 1999:986033 SCISEARCH
GA The Genuine Article (R) Number: 265QR

TI Clinicopathologic correlates in temporal cortex in dementia with Lewy
bodies
AU GomezIsla T (Reprint); Growdon W B; McNamara M; Newell K; GomezTortosa E;
HedleyWhyte E T; Hyman B T
CS DEPT NEUROL, MAYO BLDG, BOX 295, 420 DELAWARE ST, MINNEAPOLIS, MN 55455
(Reprint); MASSACHUSETTS GEN HOSP, SERV NEUROL, BOSTON, MA 02114;
MASSACHUSETTS GEN HOSP, PATHOL SERV, BOSTON, MA 02114
CYA USA
SO NEUROLOGY, (****10 DEC 1999****) Vol. 53, No. 9, pp. 2003-2009.
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA
19106-3621.
ISSN: 0028-3878.
DT Article; Journal
FS LIFE; CLIN
LA English
REC Reference Count: 43
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L4 ANSWER 136 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1999:774798 SCISEARCH
GA The Genuine Article (R) Number: 243LU
TI Neurofibrillary tangle parkinsonian disorders - Tau pathology and tau
genetics
AU Morris H R; Lees A J; Wood N W (Reprint)
CS UNIV LONDON, INST NEUROL, DEPT CLIN NEUROL, NEUROGENET SECT, QUEEN SQ,
LONDON WC1N 3BG, ENGLAND (Reprint); UNIV LONDON, INST NEUROL, DEPT CLIN
NEUROL, NEUROGENET SECT, LONDON WC1N 3BG, ENGLAND; NATL HOSP NEUROL &
NEUROSURG, LONDON WC1N 3BG, ENGLAND; UNIV COLL LONDON, RETA LILA WESTON
INST NEUROL STUDIES, LONDON, ENGLAND
CYA ENGLAND
SO MOVEMENT DISORDERS, (***SEP 1999***) Vol. 14, No. 5, pp. 731-736.
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 227 EAST WASHINGTON SQ,
PHILADELPHIA, PA 19106.
ISSN: 0885-3185.
DT General Review; Journal
FS LIFE; CLIN
LA English
REC Reference Count: 48
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L4 ANSWER 137 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1999:674645 SCISEARCH
GA The Genuine Article (R) Number: 230QQ
TI Neurons and mechanisms of neuronal death in neurodegenerative diseases: A
brief review
AU Waggie K S (Reprint); Kahle P J; Tolwani R J
CS ZYMOGENET INC, SEATTLE, WA 98105 (Reprint); UNIV MUNICH, ADOLF BUTENANDT
INST, DEPT METAB BIOCHEM, D-80336 MUNICH, GERMANY; STANFORD UNIV, SCH MED,
DEPT COMPARAT MED, STANFORD, CA 94305
CYA USA; GERMANY
SO LABORATORY ANIMAL SCIENCE, (***AUG 1999***) Vol. 49, No. 4, pp.
358-362.
Publisher: AMER ASSOC LABORATORY ANIMAL SCIENCE, 9190 CRESTWYN HILLS DR,
MEMPHIS, TN 38125.
ISSN: 0023-6764.
DT Article; Journal
FS LIFE; AGRI
LA English
REC Reference Count: 55
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L4 ANSWER 138 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1999:586500 SCISEARCH
GA The Genuine Article (R) Number: 218UM
TI Filamentous nerve cell inclusions in neurodegenerative diseases:
tauopathies and alpha-synucleinopathies
AU Goedert M (Reprint)
CS MRC, MOL BIOL LAB, HILLS RD, CAMBRIDGE CB2 2QH, ENGLAND (Reprint)
CYA ENGLAND
SO PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY OF LONDON SERIES
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ENGLAND.
ISSN: 0962-8436.
DT General Review; Journal

FS LIFE; AGRI
LA English
REC Reference Count: 148
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L4 ANSWER 139 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1999:277281 SCISEARCH
GA The Genuine Article (R) Number: 182PT
TI Evolution of ***amyloid*** : what normal protein folding may tell us
about fibrillogenesis and disease
AU Lansbury P T (Reprint)
CS HARVARD UNIV, BRIGHAM & WOMENS HOSP, SCH MED, CTR NEUROL DIS, DEPT NEUROL,
77 AVE LOUIS PASTEUR, BOSTON, MA 02115 (Reprint)
CYA USA
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
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ISSN: 0027-8424.
DT Editorial; Journal
FS LIFE
LA English
REC Reference Count: 37

L4 ANSWER 140 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1999:118155 SCISEARCH
GA The Genuine Article (R) Number: 162WZ
TI Developmentally regulated expression of persyn, a member of the
synuclein family, in skin
AU Ninkina N N; Privalova E M; Pinon L G P; Davies A M; Buchman V L (Reprint)
CS UNIV ST ANDREWS, SCH BIOMED SCI, BUTE MED BLDG, ST ANDREWS KY16 9TS, FIFE,
SCOTLAND (Reprint); UNIV ST ANDREWS, SCH BIOMED SCI, ST ANDREWS KY16 9TS,
FIFE, SCOTLAND; RUSSIAN ACAD SCI, INST GENE BIOL, MOSCOW, RUSSIA; NEUROPA
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CYA SCOTLAND; RUSSIA
SO EXPERIMENTAL CELL RESEARCH, (***1 FEB 1999***) Vol. 246, No. 2, pp.
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ISSN: 0014-4827.
DT Article; Journal
FS LIFE
LA English
REC Reference Count: 32
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L4 ANSWER 141 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1998:768707 SCISEARCH
GA The Genuine Article (R) Number: 125AK
TI The ***synuclein*** family
AU Lavedan C (Reprint)
CS NATL HUMAN GENOME RES INST, GENET DIS RES BRANCH, NIH, BETHESDA, MD 20892
(Reprint)
CYA USA
SO GENOME RESEARCH, (***SEP 1998***) Vol. 8, No. 9, pp. 871-880.
Publisher: COLD SPRING HARBOR LAB PRESS, 1 BUNGTOWN RD, PLAINVIEW, NY
11724.
ISSN: 1054-9803.
DT General Review; Journal
FS LIFE
LA English
REC Reference Count: 59
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L4 ANSWER 142 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1998:519308 SCISEARCH
GA The Genuine Article (R) Number: ZX687
TI ***Amyloid*** and Alzheimer disease
AU ANON
SO NATURE MEDICINE, (***JUL 1998***) Vol. 4, No. 7, pp. 745-745.
Publisher: NATURE PUBLISHING CO, 345 PARK AVE SOUTH, NEW YORK, NY
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ISSN: 1078-8956.
DT Editorial; Journal
FS LIFE; CLIN
LA English

REC Reference Count: 0
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L4 ANSWER 143 OF 143 TOXCENTER COPYRIGHT 2004 ACS on STN
AN 1999:118655 TOXCENTER
CP Copyright 2004 ACS
DN CA13013166800P
TI Soluble fusion proteins of aggregate-forming proteins and the study of
diseases associated with protein aggregate formation
AU Wanker, Erich; Lehrach, Hans; Scherzinger, Eberhard; Bates, Gillian
CS ASSIGNEE: Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V.
PI WO 996545 A2 11 Feb 1999
SO (***1999***) PCT Int. Appl., 62 pp.
CODEN: PIXXD2.
CY GERMANY, FEDERAL REPUBLIC OF
DT Patent
FS CAPLUS
OS CAPLUS 1999:113797
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ED Entered STN: 20011116
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